Manufacturer/Distributor

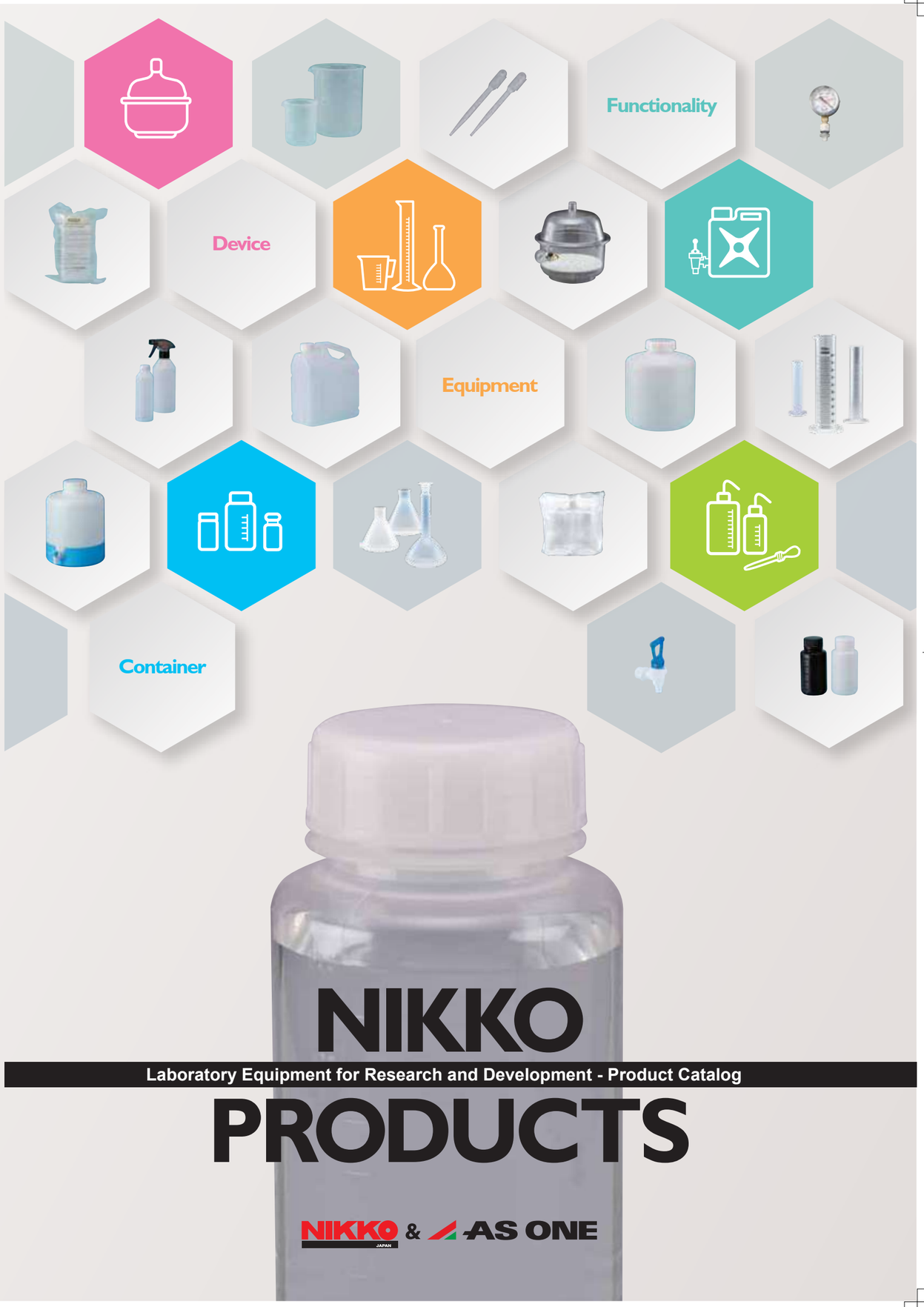
Nikko Hansen Co., Ltd.

URL https://www.nikko-hansen.com

Sales Department
4-15-5 Tenma, Kita-ku, Osaka, Osaka 530-0043
TEL: 06-4801-7727 FAX: 06-6358-5577

For orders, please contact the following distributor

2111



NIKKO PRODUCTS

Laboratory Equipment for Research and Development - Product Catalog

NIKKO & AS ONE

NIKKO JAPAN PRODUCTS

NEW LINE UP

New products developed by NIKKO

Fluorine Gas Coating Container

Posted on page 9

Can be used with organic solvents that could not be used.

New addition of 50 mL
2 series: Standard and Shading.
PP beaker was standardized.

Wide Mouth Standard Bottle NEW Line-up ① (160 mL)

Posted on page 18

The 160 mL capacity of the glass bottle was added to the standard product.

2 series: Standard and Shading.

Small PP Screw Cap Bottle

Posted on page 13

Release of long-awaited small containers

New small PP container up to 10~125 mL.
Liquid leakage prevention by inner seal.
Autoclavable.

ECO Plastic Biomass N Bottle

Posted on page 8

CO_2 Reduction

It is a carbon neutral ecological product.

Wide Mouth Standard Bottle NEW Lineup ② (10 L)

Posted on page 18

Added 10 L with lower total height.

Good stability, ideal for storage.

PP Disposable Beaker 20 mL

Posted on page 35

Ideal as a small disposable cup

Proven as a measuring cup.

You can watch product videos and information on your mobile phone!

By scanning the QR code, you can check videos on how to use the product, option information, and related materials information.

Some products have QR codes in the text.

P. 12 Sealed Bottle (TLA)

P. 12 Sealed Bottle (Nozzle)

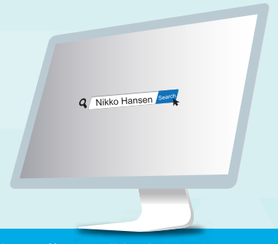
P. 14 JP Bottle

P. 15 J Bottle Round

P. 26 Taper Jar

NIKKO JAPAN

WebSite RENEWAL



Nikko Hansen Home Page Renewal

https://www.nikko-hansen.com

Home page renewal!
Real time provision of product information and simplification of searches with digital catalogs. (Can be viewed on PCs and smartphones)

How to obtain "Product Drawings" from the homepage
[There are two types of possible procurement methods]

■Procurement method 1……
Product information ⇒ Container ⇒ Click here for details ⇒ ⇒ Click on product code (orange part)!

■Procurement method 2……
1. Click on the digital catalog!
2. Click on the catalog cover!
3. Click on item number in the catalog!
4. Procure the product drawing!

2

3

4

Shiga plant

Operation started at the Shiga plant from May 2020

We will continue to improve quality and production efficiency to provide better products by using this catalog.

<Shiga plant>
4707 Aono-cho, Higashiomi City, Shiga 527-0232

CONTAINER
Contents & Guide

Catalog Information

Containers

Our basic technologies of plastic blow molding and injection molding are used to create containers of all shapes using a wide range of materials, from high-performance resins to general-purpose resins, that meets a wide range of market needs.

Instruments

We provide laboratory instruments that can meet a wide range of needs of factories and research institutes in various fields, and various experiments from basic to applied experiments conducted in analytical laboratories and schools.

Devices

We use plastic materials to provide best quality and performance. Also, these products are available at low cost. We deliver laboratory equipment that is easy to use and meets market needs.

Pictogram referral

Pictogram for sales

- Individual item delivery — **Individual item sales mark** The items are sold in units of 1 piece.
- Case sales — **Case sales mark** The items are sold in case units.
- Pack sales — **Pack sales mark** The items are sold in units of packs.
- Sample — **Sample mark** Sample items are available.
- Small box sales — **Small box sales mark** The items are sold in units of small boxes.
- No return — **No return mark** Due to the nature of the product, this product cannot be returned.

Quality pictogram

- No inner cap — **No inner cap mark** No inner cap: This specification eliminates the need to attach an inner cap.
- Packing — **Packing mark** Packing specifications are in place.
- Body PP — **Material mark** Material of each product is shown.
- Autoclavable — **Autoclave mark** This product is autoclavable.
- Operating temperature range 0℃~100℃ — **Operating temperature range mark** Indicates the operating temperature range of each product.

When using this catalog

- Plastic products have different chemical resistance depending on the material, and may leak or deform depending on operating conditions such as density and temperature. Be sure to use the product after verifying it in a practical experiment using a sample product. (Refer to the list of chemical resistance performances of various materials at the end of this document.)
- When using our products in large quantities or in special environments such as high or low temperatures, be sure to consult us in advance or conduct a quality test on a sample product.
- We are constantly striving to improve our products. Therefore, please note that the product specifications may be changed or the product may be discontinued without prior notice.
- Prices shown in this catalog do not include consumption tax. Separate charges will apply.
- Prices of listed products are as of November 2021. Please note that the prices are subject to change due to price fluctuations, product improvements, and other circumstances.

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End of the book

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CONTAINER Information

Container Product Selection Guide

Product	Page nos.	Shape: Inner cap specifications	Packing specifications	No inner cap specifications	Wide-mouth	Narrow mouth	Round shaped body	Square shaped body	Provided with scale	Provided with cock	Cylindrical shaped body	Products with capacity of 10 L or more available	Variations available	Performance: Earth-friendly eco-products	Resistant to organic solvents	Resistant to acidity and alkalinity	High transparency	High heat-resistant property	High drop strength	With light shielding property	Excellent sealable property	High gas barrier property	Sterilized products	Sterilization (EOG) possible	Autoclavable	Particle free	Can be reduced in volume	QR Video Listing
ECO PLASTIC	P.08		●	●	●		●		●					★		●					●			●				
Fluorine gas-coated container	P.09			●	●		●	●	●			●	●		●	●	●			●	●	●						
Sealed bottle	P.12	●	●	●	●		●	●				●				●					●						●	★
Clean bottle	P.12		●	●	●		●		●							●					●					●		
Small PP screw cap bottle	P.13					●	●									●		●						●	●			
JP	P.14			●			●		●							●	●		●	●	●			●				★
J	P.15		●	●	●	●	●	●	●							●				●	●			●				★
Standard bottle	P.17	●			●	●	●	●	●	●		●				●				●	●			●				
NP	P.20			●	●	●	●									●		●						●	●			
Sterile water sampling bottle	P.21			●	●		●	●	●							●					●							
Push vial	P.22						●									●												
PET screw	P.22			●			●										●		●	●	●							
Flat square can	P.23	●				●		●	●	●		●				●								●				
Taper jar/tank	P.26		●				●	●	●	●		●				●												★
Square box	P.27			●		●		●		●		●				●					●						●	
Ointment container NK	P.28		●	●	●		●				●					●												
PP clear jar	P.28	●			●		●				●					●		●										
Techno bottle	P.29		●	●	●	●	●								●	●	●	●				●			●			
PC large bottle	P.30		●	●	●		●					●					●								●			

NIKKO JAPAN PRODUCTS

Custom ORDER

Custom Production

We give shape to the wishes of our users.

Rather than the ready-made products, we manufacture original products as per requests. We roll out to the world the special specifications of users such as shape, coloring, specifications, and help improve the level of our products

Please feel free to contact us.

Contact us

Sales department
TEL **06-4801-7727**

You can also contact us through our website.
https://www.nikko-hansen.com

Q&A Frequently Asked Questions

Q Is it possible to color standard products?

A It varies depending on the product, but it is possible.
(Lot may be required)

Q I have purchased another company's product. Can you make the same product?

A Although the shape of the product may not be identical, we make proposals and manufacture products that meet your requests.

Q I have a mold, is it possible to manufacture with the existing mold?

A We will reply after checking the condition of the mold, but manufacturing is possible.
Depending on the condition of the mold, we may recommend making a new mold.

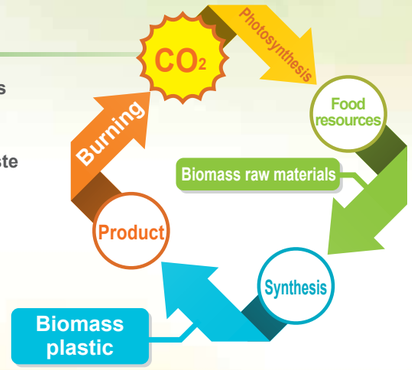
CO_2 Reduction

In the long run, climate change, typically global warming, is an important issue to be addressed on a global scale.
The carbon-neutral nature of biomass means that it does not increase the concentration of CO_2 in the atmosphere, thereby contributing to the prevention of global warming and the reduction of dependence on fossil resources.

Biomass plastic

This plastic is made from plant-derived raw materials manufactured from sugar cane instead of petroleum resources.
Although carbon dioxide is also produced when waste is burned, plants absorb carbon dioxide through photosynthesis, thereby reducing carbon dioxide emissions.
(Carbon neutral)

When manufactured from 100% biomass plastic, CO_2 emissions can be reduced by approximately 70%.



Biodegradable plastics can also be manufactured

Low cost, 100% biodegradable, leaves no microplastics

Just adding 1% to 3% to conventional petroleum-derived raw materials can turn it into biodegradable plastic. Depending on the amount added and the product, it will decompose to CH_4 and CO_2 within 6 months to 3 years after land reclamation. It is effective for biodegradation in oxygen-free environments such as reclaimed lands and seabeds, and is designed to be triggered by anaerobic conditions to initiate decomposition and it is safe because it does not leave behind microplastics like conventional oxidizing additives.

NEW

Biomass bottle

Biomass N Bottle plus+

Body HDPE | Cap PP | Packing TPE | Operating temperature range 0℃~75℃ | ECO

Bio-plastic bottles are standardized in consideration of global warming.
This product can contribute to eco-friendly carbon neutrality.

Clean Bottle

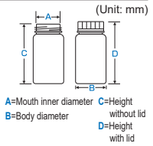
Product Number	Model No.	Capacity	Pack quantity (piece/pack)	Quantity (piece/case)
4-5190-01	BNW-100-25%	100mL	10	200
4-5190-02	BNW-250-25%	250mL	25	200
4-5190-03	BNW-500-25%	500mL	50	100
4-5190-04	BNW-1000-25%	1L	100	50

※The cleaning bottle is non-returnable.

Size Table

(Unit: mm)

Capacity	Dimension (mm) A	B	C	D
100mL	ϕ31.5	ϕ50	91.5	94.0
250mL		ϕ63	129.5	132.0
500mL	ϕ42.5	ϕ80	152.5	155.0
1L		ϕ98	190.0	193.0



A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid

※Dimensions have tolerances.

Features

- **It has the same performance as conventional petroleum-derived products.**
- This product is made from biomass polyethylene that reduces CO_2 emissions by 70%. Only biomass polyethylene is added to the cap.
- It is not a biodegradable plastic, so it does not decompose naturally.

Specifications

Case sales | Sample

- Material: Body/High Density Polyethylene (HDPE) Cap/Polypropylene (PP), Packing/TPE, Operating Temperature Range/0 to 75℃

Functional Containers
ECO PLASTIC
Fluorine gas coating
Clean bottle (Washing bottle)
Sealed bottle
Containers
Small container
JP bottle
J bottle
Standard bottle
NP bottle
Sterile water sampling bottle
Vial (PET screw)
Vial (Push)
Flat square can
Bottle with cock
Taper jar/tank
Cock
Square box
Ointment container
PP clear jar
Techno bottle
Large polycarbonate bottle
Multi bottle
Trigger bottle
Instruments
Disposable beaker PE hand beaker
Beaker (TPX/PP no handle)
Beaker (TPX/PP with handle)
Measuring cup (PC/PP)
Beaker (Conical)
Flask
Cylinder
Water tank
Dropper
Washing bottle
Funnel
Devices
Desiccator
Small vacuum pot

Individual item sales mark The items are sold in units of 1 piece.
Pack sales mark The items are sold in units of packs.
Small box sales mark The items are sold in units of small boxes.
Case sales mark The items are sold in case units.
Sample mark Sample items are available.
No return mark Due to the nature of the product, this product cannot be returned.
Packing mark Packing specifications are in place.
No inner cap mark No inner cap: This specification eliminates the need to attach an inner cap.
Material mark Material of each product is shown.
Autoclave mark This product is autoclavable.
Operating temperature range mark Indicates the operating temperature range of each product.

▶▶ Mention the code and product name when placing an order. ▶▶ Custom-made products are also available upon request. Please feel free to contact us.

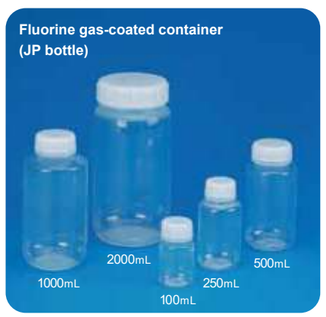
▶▶ Our product drawings can be obtained from our website. https://www.nikko-hansen.com

Organic solvents that could not be used before can now be used!

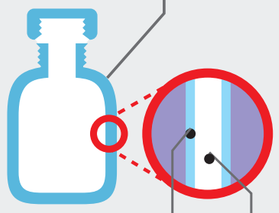
Fluorine gas coating

Body HDPE | Body Cap PP | Packing TPE | Inner cap LLDPE | Operating temperature range 0℃~70℃

By contacting the resin container with fluorine gas and scientifically altering the surface, we were able to add new functionality without changing the original physical properties. Since it is not a laminated coating, there is no peeling off and the effect lasts for a very long time.



Fluorine gas treatment technology



Fluorine coat layer
Directly fluorinated fluorine coat layer.
Demonstrates fluorine-like performance.

Polyolefin
The property of polyolefin as a base material is maintained.

Product Number	Product Name	Model No.	Capacity	Dimension (mm) A	B	C	D		Quantity (piece/case)
3-7327-01	Fluorine gas-coated container (JP bottle)	JPF	100mL	φ31.5	φ50	93	96		200
3-7327-02		JPF	250mL		φ63	128	131		200
3-7327-03		JPF	500mL	φ45.0	φ77	158	161		100
3-7327-04		JPF	1000mL		φ96	195	198		50
3-7327-05		JPF	2000mL	φ92.0	φ120	248	253		36
NEW 3-7328-06	Fluorine gas-coated container (J bottle wide mouth)	JFW	50mL	φ21.5	φ39	76.5	79		500
3-7328-01		JFW	100mL	φ31.5	φ50	91.5	94		200
3-7328-02		JFW	250mL		φ63	129.5	132		200
3-7328-03		JFW	500mL	φ42.5	φ80	152.5	155		100
3-7328-04		JFW	1000mL		φ98	190	193		50
3-7328-05		JFW	2000mL	φ85.0	φ125	244	248.5		36
NEW 3-8294-05	Fluorine gas-coated container (J bottle wide mouth shading)	JFWB	50mL	φ21.5	φ39	76.5	79		500
3-8294-01		JFWB	100mL	φ31.5	φ50	91.5	94		200
3-8294-02		JFWB	250mL		φ63	129.5	132		200
3-8294-03		JFWB	500mL	φ42.5	φ80	152.5	155		100
3-8294-04		JFWB	1000mL		φ98	190	193		50
3-7329-01	Fluorine gas-coated container (Flat square can wide mouth)	HFW	10L	φ98.5	320×140	326	336		18
3-7329-02		HFW	20L		351.5×180	437	439		5

※Sales unit is 1 piece.

*The above products are only available as bottles.

Features

- Prevention of deformation of containers (swelling and depression)
- Prevention of container deterioration
- Improvement of chemical resistance
- Prevention of odor leakage and label peeling
- Substitution of fluorine containers (low cost)
- Replacement of glass container (prevention of cracking)

Specifications

Case sales

- Material: Body/Polypropylene (PP)(3-7327-01-05), High Density Polypropylene (HDPE)
  Cap/Polypropylene (PP), High Density Polypropylene (HDPE) (3-7329-01 and 02 Only)
  Packing/TPE(3-7328-01-06, 3-8294-01-05)
  Inner Cap/Linear polyethylene (LLDPE)

Precautions during use
- Please rinse several times before use (lukewarm water or cleaning solution).
- Please handle it so that it does not damage the container when rinsing.
- It is coated with fluorine, but the basic material is PE or PP, so please avoid using it at high temperature.
- Do not expose to open flame

★Please refer to P.14, 15 and 23 for details about the container.

★Fluorine gas treatment is possible for containers other than the above products. Please contact us.

Individual item sales mark — The items are sold in units of 1 piece.
Pack sales mark — The items are sold in units of packs.
Small box sales mark — The items are sold in units of small boxes.
Case sales mark — The items are sold in case units.
Sample mark — Sample items are available.
No return mark — Due to the nature of the product, this product cannot be returned.

▶▶ Mention the code and product name when placing an order. ▶▶ Custom-made products are also available upon request. Please feel free to contact us.

NEW

Fluorine Gas-Coated PP Beaker

Cap PP | Operating temperature range 0℃~70℃

Features

- Improvement of chemical resistance
- Prevention of container deterioration

Specifications

Individual item delivery

- Material: Body/Polypropylene (PP)

Fluorine Gas-Coated PP Beaker

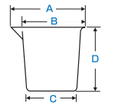
Product Number	Model No.	Capacity	Pack quantity (piece/pack)	Quantity (piece/case)
4-5049-01	PPBF-50	50mL	250	250
4-5049-02	PPBF-100	100mL	200	200
4-5049-03	PPBF-200	200mL	100	100
4-5049-04	PPBF-300	300mL	130	130
4-5049-05	PPBF-500	500mL	60	60
4-5049-06	PPBF-1000	1000mL	24	24

※Sales unit is 1 piece.

Size Table

(Unit: mm)

Capacity	Dimension (mm) A	B	C	D
50mL	55.0	φ51.0	φ46.0	61.0
100mL	65.0	φ61.0	φ54.5	71.0
200mL	79.5	φ74.0	φ65.0	90.5
300mL	92.5	φ86.0	φ76.5	105.0
500mL	104.0	φ96.0	φ88.5	125.5
1000mL	129.0	φ119.5	φ107.0	154.0



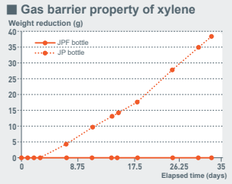
A=Top outer diameter
B=Upper body diameter
C=Bottom body diameter
D=Overall height

Gas Barrier Property Evaluation Test Against Organic Solvents

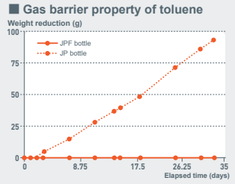
[Experimental methods]

Add 150 ml solution to fluorine-coated JPF500 and conventional JP500, seal with a cap, and allow to sit for 30 days. Measure the weight change and indicate it on the graph.

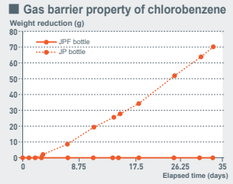
■ Gas barrier property of xylene



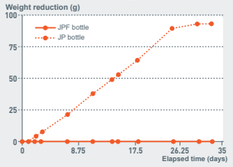
■ Gas barrier property of toluene



■ Gas barrier property of chlorobenzene



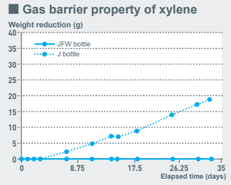
■ Gas barrier property of n-hexane



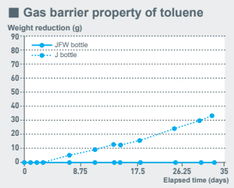
[Experimental methods]

Add 150 ml solution to fluorine-coated JFW500 and conventional J-Bottle500, seal with a cap, and allow it to sit for 30 days. Measure the weight change and indicate it on the graph.

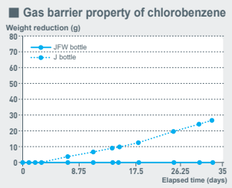
■ Gas barrier property of xylene



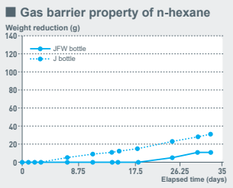
■ Gas barrier property of toluene



■ Gas barrier property of chlorobenzene



■ Gas barrier property of n-hexane



[Other solvents]

Butanone…◎ Ethylbenzene…◎ Acetone…◎ Lamp oil (Kerosene)…◎ (R)-(+)- Limonene…◎
*Weight change less than 1%…◎ Data is based on actual measurements and cannot be guaranteed. Test with a sample before use.

Evaluation Results of Change in Shape due to Organic Solvents

[Experimental methods]

Add approximately 150 ml solution to each container, seal with a cap, and allow it to sit for 30 days. Check for changes in the shape of the container.

Container/Solvent	Xylene	Toluene	Chlorobenzene	n-hexane
JP500	Dent occurrence	Dent occurrence	Dent occurrence	Deformation => Solvent empty
JPF500	Unchanged	Unchanged	Slight deformation	Slight dents
J-Hiro500	Drop in liquid level	Drop in liquid level	Drop in liquid level	Drop in liquid level
JFW500	Unchanged	Unchanged	Unchanged	Unchanged

Container/Solvent	Ethyl acetate	Lamp oil (Kerosene)	Butanone	Ethylbenzene
JP500	Drop in liquid level	Dent occurrence	Drop in liquid level	Dent occurrence
JPF500	Drop in liquid level	Unchanged	Drop in liquid level	Unchanged
J-Hiro500	Drop in liquid level	Drop in liquid level	Drop in liquid level	Drop in liquid level
JFW500	Unchanged	Unchanged	Unchanged	Unchanged

*Data is based on actual measurements and cannot be guaranteed. Test with a sample before use.

Packing mark — Packing specifications are in place.
No inner cap mark — No inner cap: This specification eliminates the need to attach an inner cap.
Material mark — Material of each product is shown.
Autoclave mark — This product is autoclavable.
Operating temperature range mark — Indicates the operating temperature range of each product.

▶▶ Our product drawings can be obtained from our website. https://www.nikko-hansen.com

Clean bottle with advanced cleaning technology

No inner cap | Packing TPE | Body HDPE | Cap PP

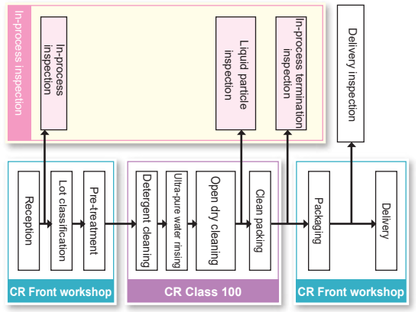
Washing bottle

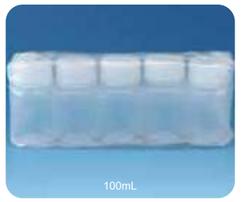
- Double clean pack products with advanced cleaning technology
- Purified water washing in Class 100 and 1000 cleanrooms
- Vacuum-packed delivery

Achieve maximum surface cleanliness essential for high-precision industries!!

This surface contamination control system is essential for high-precision industries as a post-process in dissolving foreign matter with solvents. We use ultra-pure water with an upper limit of 18,3 MΩ (theoretical resistivity) → lower limit of 16,0 MΩ in combination with a charge neutralizer to control the cleaning of sub-micron size particles and to contribute to stable production in high-precision industries through surface cleaning technology close to extreme limits.

Cleaning flow





Clean Bottle

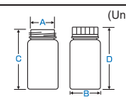
Product Number	Model No.	Capacity	Pack quantity (piece/pack)	Quantity (piece/case)
11-0502-05	JPS-100	100mL	5	200
11-0503-05	JPS-250	250mL		
11-0504-05	JPS-500	500mL	2	100
11-0505-05	JPS-1000	1L	1	50

※Sales unit is 1 pack.
※The cleaning bottle is a non-returnable product.

Size Table

(Unit: mm)

Capacity	Dimension (mm) A	B	C	D
100mL	φ31.5	φ50	93.0	96.0
250mL		φ63	128.0	131.0
500mL	φ45.0	φ77	158.0	161.0
1L		φ96	195.0	198.0



A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid

※Dimensions have tolerances.

Features

- JP bottle is washed with pure water in a clean room and double packed in a Class 100 environment.

Specifications

- Material: Body/Cap/Polypropylene (PP)
- Operating temperature range: 0 to 98℃

Operating temperature range 0℃~98℃ | Case sales

Clean Bottle

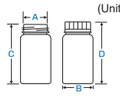
Product Number	Model No.	Capacity	Pack quantity (piece/pack)	Quantity (piece/case)
15-1512-05	JWS-100	100mL	5	200
15-1513-05	JWS-250	250mL		
15-1514-05	JWS-500	500mL	2	100
15-1515-05	JWS-1000	1L	1	50

※Sales unit is 1 pack.
※The cleaning bottle is a non-returnable product.

Size Table

(Unit: mm)

Capacity	Dimension (mm) A	B	C	D
100mL	φ31.5	φ50	91.5	94.0
250mL		φ60	129.5	132.0
500mL	φ42.5	φ80	152.5	155.5
1L		φ98	190.0	193.0



A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid

※Dimensions have tolerances.

Features

- J bottle is washed with pure water in a clean room and double packed in a Class 100 environment.

Specifications

- Material: Body/High Density Polyethylene (HDPE), Cap/Polypropylene (PP), Packing (TPE)
- Operating temperature range: 0 to 75℃

Operating temperature range 0℃~75℃ | Case sales

● Please refer to P. 16 and P.17 for details on the container. ● Containers other than the above products can also be washed.

Packing that can confirm the opening of the cap

Sealed bottle (TLA)

No inner cap | Body HDPE LDPE | Cap PP | Packing TPE | Operating temperature range 0℃~70℃

Sealed bottle (TLA)
(You can watch the video.)

Sealed bottle nozzle
(You can watch the video.)

Product Number	Model No.	Capacity	Quantity (piece/case)
3-374-01	TLA-1000	1L	56
3-374-03	TLA-4000	4L	36

Product Number	Model No.	Capacity	Quantity (piece/case)
3-374-02	TLA-2000	2L	48
3-374-04	TLA-5000	5L	32
3-374-11	TL Nozzle		

※Sales unit is 1 piece.

Specifications

- Body/HDPE/LDPE, Cap/Polypropylene (PP) Packing/Polyethylene (PE), Nozzle/Polyethylene (LDPE)
- No scale
- Operating temperature range: 0 to 70℃

Case sales | Sample

Features

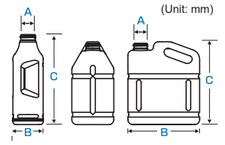
- This time we have added 2L, 5L and nozzle.
- Easy to check the opening and ideal as a product container.
- It can be crushed easily. (Reduction of disposal costs)
- It is designed to be easy to inject because the handle part is inclined.

※Nozzles are optional. (Not included with container)
※By using the nozzle, you can transfer smoothly.
※If you purchase only the nozzle, you will need to pay shipping fee.

Size Table

(Unit: mm)

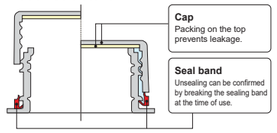
Model No.	Dimension (mm) A	B	C
TLA-1000	φ32.6	86.0	250.0
TLA-2000		98×176	206.0
TLA-4000	φ33.0	126×215	248.5
TLA-5000		128×230	260.0
TL Nozzle	φ10.2	φ44	46.0



A=Mouth inner diameter
B=Body diameter
C=Overall height

※Dimensions have tolerances.

Mouth structure



It has a seal band that can tell at a glance if the cap has been opened.

Sealed bottle (TEA) <2L added.>

No inner cap | Body HDPE | Cap PP | Inner cap LLDPE | Operating temperature range 0℃~70℃

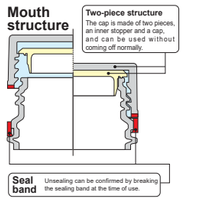
Product Number	Model No.	Capacity	Quantity (piece/case)
2-5085-01	TEA-100	100mL	200
2-5085-02	TEA-250	250mL	
2-5085-03	TEA-500	500mL	100
2-5085-04	TEA-1000	1L	50
NEW 2-5085-15	TEA-2000	2L	36

※Sales unit is 1 piece.

Features

- The cap has an inner plug and can be used as an inner plugless container.
- Safety design without torque back during transportation and without leakage of contents.
- It is easy to purchase as it comes with the body and cap.
- Since there is no scale on the body, it is ideal as a product container.
- 5 items from 100 ml to 2000 ml can be used for the common cap.

Mouth structure



Specifications

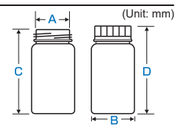
- Body/High Density Polyethylene (HDPE), Cap/Polypropylene (PP), Integrated Inner Plug/Linear Polyethylene (LLDPE)
- Operating temperature range: 0 to 70℃
- No scale (only 2L has scale)

Case sales | Sample

Size Table

(Unit: mm)

Capacity	Dimension (mm) A	B	C	D
100mL	φ32	φ52	84.5	89.5
250mL		φ62	126.0	131.0
500mL		φ75	161.0	166.0
1L		φ95	195.0	200.0
2L		φ125	243.0	248.0



A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid

※Dimensions have tolerances.

Functional Containers
ECO PLASTIC
Fluorine gas coating
Clean bottle (Washing bottle)
Sealed bottle
Containers
Small container
JP bottle
J bottle
Standard bottle
NP bottle
Sterile water sampling bottle
Vial (PET screw)
Vial (Push)
Flat square can
Bottle with cock
Taper jar/tank
Cock
Square box
Ointment container
PP clear jar
Techno bottle
Large polycarbonate bottle
Multi bottle
Trigger bottle
Instruments
Disposable beaker PE hand beaker
Beaker (TPX/PP no handle)
Beaker (TPX/PP with handle)
Measuring cup (PC/PP)
Beaker (Conical)
Flask
Cylinder
Water tank
Dropper
Washing bottle
Funnel
Devices
Desiccator
Small vacuum pot

Individual item sales mark The items are sold in units of 1 piece.
Pack sales mark The items are sold in units of packs.
Small box sales mark The items are sold in units of small boxes.
Case sales mark The items are sold in case units.
Sample mark Sample items are available.
No return mark Due to the nature of the product, this product cannot be returned.
Packing mark Packing specifications are in place.
No inner cap mark No inner cap: This specification eliminates the need to attach an inner cap.
Material mark Material of each product is shown.
Autoclave mark This product is autoclavable.
Operating temperature range mark Indicates the operating temperature range of each product.

▶▶ Mention the code and product name when placing an order. ▶▶ Custom-made products are also available upon request. Please feel free to contact us.

▶▶ Our product drawings can be obtained from our website. https://www.nikko-hansen.com

NEW

Ideal for storing small amount of samples and products.

Small PP Screw Cap Bottle

No inner cap | PP | Autoclavable | Operating temperature range 0℃~121℃

Clean Bottle

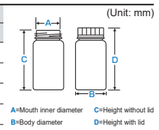
Product Number	Model No.	Capacity	Pack quantity (piece/pack)	Quantity (piece/pack)
4-5189-01	JSP-N-10	10mL	100	500
4-5189-02	JSP-N-20	20mL	100	500
4-5189-03	JSP-N-30	30mL	100	500
4-5189-04	JSP-N-60	60mL	100	300
4-5189-05	JSP-N-125	125mL	100	200

※Sales unit is 1 pack.
※The cleaning bottle is a non-returnable product.

Size Table

(Unit: mm)

Capacity	Dimension (mm) A	B	C	D
10mL	ϕ14.0	ϕ25.0	56.5	59.0
20mL		ϕ28.5	62.0	64.5
30mL		ϕ32.5	69.0	71.5
60mL	ϕ19.5	ϕ39.0	84.0	86.5
125mL		ϕ50.5	101.5	104.0



< No inner cap >

※Dimensions have tolerances.

Features

- Ideal for storing small amount of samples and products.
- Autoclavable
- Inner seal prevents leakage.
- No scale

Specifications

Case sales | Sample

- Material: Body/Cap/Polypropylene (PP)
  Operating temperature range: 0 to 121℃

Washing bottle

We offer precision cleaning services for a wide variety of products listed in our catalog.

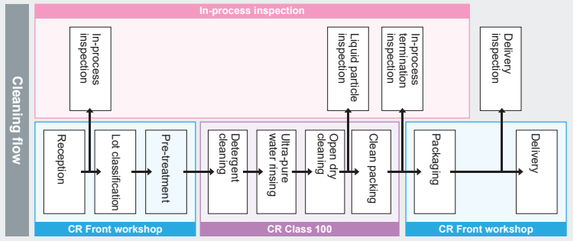
How to Order

Meeting on cleaning and packaging specifications → Cleaning → Delivery as clean packs

(Please refer to the flow chart on the right for the cleaning process)

Achieves ultimate surface cleaning that is essential for high-precision industries!!

This surface contamination control system is indispensable for high-precision industries as a post-process in dissolving foreign matter with solvents. We use ultra-pure water with an upper limit of 18,3 MΩ (theoretical resistivity) → lower limit of 16,0 MΩ in combination with a charge neutralizer to control the cleaning of sub-micron size particles and to contribute to stable production in high-precision industries through surface cleaning technology close to extreme limits.



It is a transparent stretchable PP bottle that does not break easily.

JP Bottle

No inner cap | Body Cap PP | Operating temperature range 0℃~98℃

JP Bottle
(You can watch the video.)

JP bottle (Clear)

JP bottle (Shading)

JP Bottle (Clear)

Product Number	Model No.	Capacity	Scale (ml)	Quantity (piece/case)
11-0102-55	JP-100	100mL	10	200
11-0103-55	JP-250	250mL	25	
11-0104-55	JP-500	500mL	50	100
11-0105-55	JP-1000	1L	100	50
11-0106-55	JP-2000	2L	200	36

※Sales unit is 1 piece. (Sterilized type is 1 case)

Product No. for sterilized type	Capacity	Scale (ml)	Quantity (piece/case)
11-0302-55	100mL	10	200
11-0303-55	250mL	25	
11-0304-55	500mL	50	100
11-0305-55	1L	100	50
11-0306-55	2L	200	36

※Sterilized products will be arranged after receiving an order. (not kept as inventory)
※Sterilized products are non-returnable.

JP Bottle (Shading)

Product Number	Model No.	Capacity	Scale (ml)	Quantity (piece/case)
11-0202-55	JP-100A	100mL	10	200
11-0203-55	JP-250A	250mL	25	
11-0204-55	JP-500A	500mL	50	100
11-0205-55	JP-1000A	1L	100	50
11-0206-55	JP-2000A	2L	200	36

※Sales unit is 1 piece. (Sterilized type is 1 case)

Product No. for sterilized type	Capacity	Scale (ml)	Quantity (piece/case)
11-0402-55	100mL	10	200
11-0403-55	250mL	25	
11-0404-55	500mL	50	100
11-0405-55	1L	100	50
11-0406-55	2L	200	36

※Sterilized products will be arranged after receiving an order. (not kept as inventory)
※Sterilized products are non-returnable.

Features

- This is the world's first transparent stretching PP bottle.
- Since the mouth part is injection molded, there is no need for an inner plug, and it has been cleared for the vacuum leakage test.
- Stretch blow molding makes the arrangement of molecules constant and greatly increases strength and transparency.

Specifications

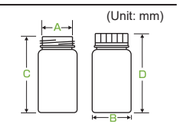
Case sales | Sample

- Material: Body/Cap/Polypropylene (PP)
- Operating temperature range: 0 to 98℃
- Sterilized by EOG (ethylene oxide gas sterilization)

Size Table

(Unit: mm)

Capacity	Filling Capacity mL	Dimension (mm) A	B	C	D
100mL	133	ϕ31.5	ϕ50	93	96
250mL	298		ϕ63	128	131
500mL	588	ϕ45.0	ϕ77	158	161
1L	1120		ϕ96	195	198
2L	2400	ϕ92.0	ϕ120	248	253

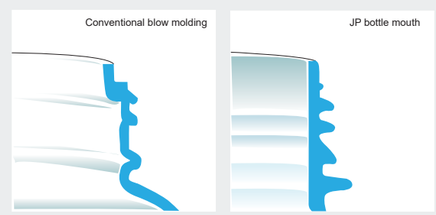


A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid

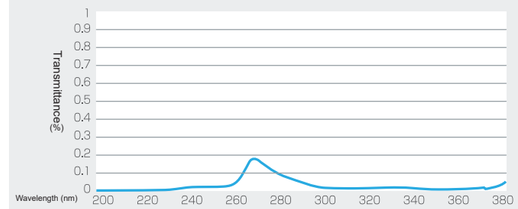
※Dimensions and capacity have tolerances.

Cross section of the bottle mouth

The inside of the mouth of the JP bottle is flat.



JP bottle shading UV transmittance data



No inner stopper is required and will not leak.

J Bottle (Round)

No inner cap | Body HDPE | Cap PP | Packing | Operating temperature range 0℃~75℃

J Bottle (Round)
(You can watch the video.)

J bottle, round, narrow mouth (natural)

Product Number	Capacity	Scale (mL)	Quantity (piece/case)
15-0011-55	50mL	5	500
15-0012-55	100mL	10	200
15-0018-55	200mL	20	
15-0013-55	250mL	25	
15-0019-55	300mL		
15-0014-55	500mL	50	100
15-0015-55	1L	100	50
15-0016-55	2L	200	36

※Sales unit is 1 piece. (Sterilized type is 1 case)

Product No. for sterilized type	Capacity	Scale (mL)	Quantity (piece/case)
15-0301-55	50mL	5	500
15-0302-55	100mL	10	200
15-0307-55	200mL	20	
15-0303-55	250mL	25	
15-0308-55	300mL		
15-0304-55	500mL	50	100
15-0305-55	1L	100	50
15-0306-55	2L	200	36

※Sterilized products will be arranged after receiving an order. (not kept as inventory)
※Sterilized products are non-returnable.

J bottle, round, narrow mouth (shading)

Product Number	Capacity	Scale (mL)	Quantity (piece/case)
15-2011-55	50mL	5	500
15-2012-55	100mL	10	200
15-2013-55	250mL	25	
15-2014-55	500mL	50	100
15-2015-55	1L	100	50
15-2016-55	2L	200	36

※Sales unit is 1 piece. (Sterilized type is 1 case)

Product No. for sterilized type	Capacity	Scale (mL)	Quantity (piece/case)
15-2301-55	50mL	5	500
15-2302-55	100mL	10	200
15-2303-55	250mL	25	
15-2304-55	500mL	50	100
15-2305-55	1L	100	50
15-2306-55	2L	200	36

※Sterilized products will be arranged after receiving an order. (not kept as inventory)
※Sterilized products are non-returnable.

J bottle, round, wide mouth (natural)

Product Number	Capacity	Scale (mL)	Quantity (piece/case)
15-1011-55	50mL	10	500
15-1012-55	100mL	10	200
15-1018-55	200mL	20	
15-1013-55	250mL	25	
15-1019-55	300mL		
15-1014-55	500mL	50	100
15-1015-55	1L	100	50
15-1016-55	2L	200	36

※Sales unit is 1 piece. (Sterilized type is 1 case)

Product No. for sterilized type	Capacity	Scale (mL)	Quantity (piece/case)
15-1301-55	50mL	10	500
15-1302-55	100mL	10	200
15-1309-55	200mL	20	
15-1303-55	250mL	25	
15-1308-55	300mL		
15-1304-55	500mL	50	100
15-1305-55	1L	100	50
15-1306-55	2L	200	36

※Sterilized products will be arranged after receiving an order. (not kept as inventory)
※Sterilized products are non-returnable.

J bottle, round, wide mouth (shading)

Product Number	Capacity	Scale (mL)	Quantity (piece/case)
15-3011-55	50mL	10	500
15-3012-55	100mL	10	200
15-3013-55	250mL	25	
15-3014-55	500mL	50	100
15-3015-55	1L	100	50
15-3016-55	2L	200	36

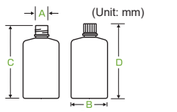
※Sales unit is 1 piece. (Sterilized type is 1 case)

Product No. for sterilized type	Capacity	Scale (mL)	Quantity (piece/case)
15-3301-55	50mL	10	500
15-3302-55	100mL	10	200
15-3303-55	250mL	25	
15-3304-55	500mL	50	100
15-3305-55	1L	100	50
15-3306-55	2L	200	36

※Sterilized products will be arranged after receiving an order. (not kept as inventory)
※Sterilized products are non-returnable.

Narrow mouth Size Table

Capacity	Outer dimension (mm)			
	A	B	C	D
50mL	φ11.5	φ 38	71.0	73.5
100mL	φ21.5	φ 50	91.5	94.0
200mL		φ 60	116.0	118.5
250mL		φ 63	129.5	132.0
300mL		φ 65	133.5	136.0
500mL	φ31.5	φ 80	152.5	155.0
1L		φ 98	190.0	192.5
2L	φ42.5	φ125	244.0	247.0

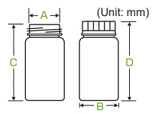


A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid

※Dimensions have tolerances.

Wide mouth Size Table

Capacity	Outer dimension (mm)			
	A	B	C	D
50mL	φ21.5	φ 39	76.5	79.0
100mL	φ31.5	φ 50	91.5	94.0
200mL		φ 60	116.0	118.5
250mL		φ 63	129.5	132.0
300mL		φ 65	133.5	136.0
500mL	φ42.5	φ 80	152.5	155.0
1L		φ 98	190.0	193.0
2L	φ85.0	φ125	244.0	248.5



A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid

※Dimensions have tolerances.

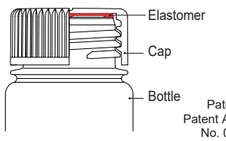
Features

- The elastomer gasket is insert-molded to prevent leakage even without a stopper.
- The gasket is elastic and adheres closely to the bottle mouth to prevent leakage.

Specifications

- Material: Body/High-density polyethylene (HDPE), Cap/Polypropylene (PP), Gasket/(TPE)
- Operating temperature range: 0 to 75℃
- Sterilized by EOG (ethylene oxide gas sterilization)

Case sales | Sample



Patented Cap
Patent Application
No. 08-297257

Individual item sales mark — The items are sold in units of 1 piece.
Pack sales mark — The items are sold in units of packs.
Small box sales mark — The items are sold in units of small boxes.
Case sales mark — The items are sold in case units.
Sample mark — Sample items are available.
No return mark — Due to the nature of the product, this product cannot be returned.

▶▶ Mention the code and product name when placing an order. ▶▶ Custom-made products are also available upon request. Please feel free to contact us.

Rectangular container for easy storage.

J Bottle (Square)

No inner cap | Body HDPE | Cap PP | Packing | Operating temperature range 0℃~75℃

J bottle, square, narrow mouth (natural)

Product Number	Capacity	Scale (mL)	Quantity (piece/case)
15-4001-55	100mL	10	200
15-4002-55	250mL	25	
15-4003-55	500mL	50	100
15-4004-55	1L	100	50

※Sales unit is 1 piece. (Sterilized type is 1 case)

Product No. for sterilized type	Capacity	Scale (mL)	Quantity (piece/case)
15-4301-55	100mL	10	200
15-4302-55	250mL	25	
15-4303-55	500mL	50	100
15-4304-55	1L	100	50

※Sterilized products will be arranged after receiving an order. (not kept as inventory)
※Sterilized products are non-returnable.

J bottle, square, narrow mouth (shading)

Product Number	Capacity	Scale (mL)	Quantity (piece/case)
15-6001-55	100mL	10	200
15-6002-55	250mL	25	
15-6003-55	500mL	50	100
15-6004-55	1L	100	50

※Sales unit is 1 piece. (Sterilized type is 1 case)

Product No. for sterilized type	Capacity	Scale (mL)	Quantity (piece/case)
15-6301-55	100mL	10	200
15-6302-55	250mL	25	
15-6303-55	500mL	50	100
15-6304-55	1L	100	50

※Sterilized products will be arranged after receiving an order. (not kept as inventory)
※Sterilized products are non-returnable.

J bottle, square, wide mouth (natural)

Product Number	Capacity	Scale (mL)	Quantity (piece/case)
15-5001-55	100mL	10	200
15-5002-55	250mL	25	
15-5003-55	500mL	50	100
15-5004-55	1L	100	50

※Sales unit is 1 piece. (Sterilized type is 1 case)

Product No. for sterilized type	Capacity	Scale (mL)	Quantity (piece/case)
15-5301-55	100mL	10	200
15-5302-55	250mL	25	
15-5303-55	500mL	50	100
15-5304-55	1L	100	50

※Sterilized products will be arranged after receiving an order. (not kept as inventory)
※Sterilized products are non-returnable.

J bottle, square, wide mouth (shading)

Product Number	Capacity	Scale (mL)	Quantity (piece/case)
15-7001-55	100mL	10	200
15-7002-55	250mL	25	
15-7003-55	500mL	50	100
15-7004-55	1L	100	50

※Sales unit is 1 piece. (Sterilized type is 1 case)

Product No. for sterilized type	Capacity	Scale (mL)	Quantity (piece/case)
15-7301-55	100mL	10	200
15-7302-55	250mL	25	
15-7303-55	500mL	50	100
15-7304-55	1L	100	50

※Sterilized products will be arranged after receiving an order. (not kept as inventory)
※Sterilized products are non-returnable.

Narrow mouth Size Table

Capacity	Outer dimension (mm)			
	A	B	C	D
100mL	21.8	φ46	91.0	93.5
250mL		φ52	138.5	141.0
500mL	φ31.8	φ66	166.5	169.0
1L		φ82	208.0	210.5

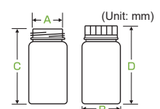
※Dimensions have tolerances.

A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid

Wide mouth Size Table

Capacity	Outer dimension (mm)			
	A	B	C	D
100mL	φ31.8	φ46	91.0	93.5
250mL		φ52	138.5	140.5
500mL	φ42.5	φ66	166.5	169.5
1L		φ82	208.0	211.0

※Dimensions have tolerances.



A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid

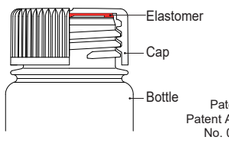
Features

- The elastomer gasket is insert-molded to prevent leakage even without a stopper.
- The gasket is elastic and adheres closely to the bottle mouth to prevent leakage.

Specifications

- Material: Body/High-density polyethylene (HDPE), Cap/Polypropylene (PP), Gasket/(TPE)
- Operating temperature range: 0 to 75℃
- Sterilized by EOG (ethylene oxide gas sterilization)

Case sales | Sample



Patented Cap
Patent Application
No. 08-297257

Packing mark — Packing specifications are in place.
No inner cap mark — No inner cap: This specification eliminates the need to attach an inner cap.
Material mark — Material of each product is shown.
Autoclave mark — This product is autoclavable.
Operating temperature range mark — Indicates the operating temperature range of each product.

▶▶ Our product drawings can be obtained from our website. https://www.nikko-hansen.com

Best-selling standard bottle with inner cap

Standard Bottle (Round narrow mouth)

Body HDPE | Inner cap LLDPE | Cap PP.HDPE | Operating temperature range 0℃~70℃

Standard bottle, round narrow mouth (natural)

Product Number	Capacity	Scale (mL)	Quantity (piece/case)
10-2701-55	20mL	5	400
10-2702-55	30mL		300
10-2703-55	50mL		350
10-2704-55	100mL	10	200
10-2705-55	250mL	25	160
10-2706-55	300mL		130
10-2707-55	500mL	50	75
10-2727-55			
10-2708-55	1L	50	40
10-2728-55			
10-2709-55	2L	100	36
10-2710-55	3L		
10-2711-55	5L	–	
10-2712-55	10L	500	20
10-2713-55	20L	–	6
10-2714-55	30L		
10-2715-55	50L		5

※-10-2807 and -2808 are packed separately.(cap and inner cap)
-For 10-2727 and -2728, the cap and inner cap are set in the body.
-The cap and inner stopper are not set in the body for 10-2709, -2710, -2711, and -2712.

※Sales unit is 1 piece. (Sterilized type is 1 case)

Product No. for sterilized type	Capacity	Scale (mL)	Quantity (piece/case)
65-9036-29	20mL	5	400
65-9036-30	30mL		300
65-9036-31	50mL		350
65-9036-32	100mL	10	200
65-9036-33	250mL	25	160
65-9036-34	300mL		130
65-9036-35	500mL	50	75
65-9036-36	1L	50	40
65-9036-37	2L	100	36
65-9036-38	3L		
65-9036-39	5L	–	
65-9036-40	10L	500	20

※Sterilized products will be arranged after receiving an order. (not kept as inventory)
※Sales unit is 1 case(Sterilized type).
※Sterilized products are non-returnable.

Standard bottle, round, narrow mouth (shading)

Product Number	Capacity	Scale (mL)	Quantity (piece/case)
2-5076-01	100mL	10	200
2-5076-02	250mL	25	160
10-3103-55	500mL	50	75
2-5076-03			
10-3104-55	1L		40
2-5076-04			
2-5076-05	2L	100	36
2-5076-06	3L		
2-5076-07	5L	–	
2-5076-08	10L	500	20

※-10-2807 and -2808 are packed separately.(cap and inner cap)
-For 2-5076-03 and -04, the cap and inner cap are set in the body.
-2-5076-05,-06,-07,-08 packed separately.(cap and inner cap)

※Sales unit is 1 piece. (Sterilized type is 1 case)

Product No. for sterilized type	Capacity	Scale (mL)	Quantity (piece/case)
65-9036-61	100mL	10	200
65-9036-62	250mL	25	160
65-9036-63	500mL	50	75
65-9036-64	1L	50	40
65-9036-65	2L	100	36
65-9036-66	3L		
65-9036-67	5L	–	
65-9036-68	10L	500	20

※Sterilized products will be arranged after receiving an order. (not kept as inventory)
※Sales unit is 1 case (Sterilized type).
※Sterilized products are non-returnable.

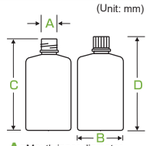
Narrow mouth Size Table

Capacity	Dimensions (mm) A	B	C	D
20mL	φ11.5	φ 32.0	47.0	49.5
30mL		φ 31.0	66.0	68.5
50mL		φ 38.0	71.0	73.5
100mL	φ16.7	φ 46.0	92.0	95.0
250mL		φ 61.5	126.0	129.0
300mL		φ 66.5	142.5	145.5
500mL	φ22.5	φ 80.0	165.0	168.0
1L		φ 99.0	199.0	202.0

Capacity	Dimensions (mm) A	B	C	D
2L	φ33.5	φ124.0	260.0	264.5
3L		φ145.5	296.5	301.0
5L		φ172.5	345.0	350.0
10L		φ219.5	373.0	378.0
20L		φ305.0	461.0	466.0
30L		φ310.0	588.0	593.0
50L	φ98.5	φ382.0	597.0	603.0

※Dimensions have tolerances.

(Unit: mm)



A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid

Narrow mouth

Specifications

Case sales | Sample

- Material: Body/High-density polyethylene (HDPE), Cap/Polypropylene (PP), High-density polyethylene (HDPE), Inner cap/Linear polyethylene (LLDPE)
- Operating temperature range: 0 to 70℃
- Sterilized by EOG (ethylene oxide gas sterilization)

Best-selling standard bottle with inner cap

Standard Bottle (Round wide mouth)

Body HDPE | Inner cap LLDPE | Cap PP.HDPE | Operating temperature range 0℃~70℃

Standard bottle, round wide mouth (natural)

Product Number	Capacity	Scale (mL)	Quantity (piece/case)
10-2801-55	20mL	–	400
10-2802-55	30mL		300
10-2803-55	50mL		350
10-2804-55	100mL		200
NEW 10-2816-55	160mL		200
10-2805-55	250mL		160
10-2806-55	300mL		130
10-2807-55	500mL		75
10-2827-55			
10-2808-55	1L		40
10-2828-55			
10-2809-55	2L	200	36
10-2810-55	3L	100	
10-2811-55	5L	–	
10-2812-55	10L		20
NEW 10-2817-55	10 L short		16
10-2813-55	20L		6
10-2814-55	30L		
10-2815-55	50L	5000	5

※ -10-2807 and -2808 are packed separately.(cap and inner cap)
※ -For 10-2827 and -2828, the cap and inner cap are set in the body.

※Sales unit is 1 piece.

Product No. for sterilized type	Capacity	Scale (mL)	Quantity (piece/case)
65-9036-41	20mL	–	400
65-9036-42	30mL		300
65-9036-43	50mL		350
65-9036-44	100mL		200
65-9036-45	250mL		160
65-9036-46	300mL		130
65-9036-47	500mL		75
65-9036-48	1L		40
65-9036-49	2L	200	36
65-9036-50	3L	100	
65-9036-51	5L	–	
65-9036-52	10L		20

※Sterilized products will be arranged after receiving an order. (not kept as inventory)
※Sales unit is 1 case(Stelirized type).
※Sterilized products are non-returnable.

Standard bottle, round, wide mouth (shading)

Product Number	Capacity	Scale (mL)	Quantity (piece/case)
2-5077-01	100mL	–	200
NEW 2-5077-08	160mL		200
2-5077-02	250mL		160
10-3203-55	500mL		75
2-5077-03			
10-3204-55	1L		40
2-5077-04			
2-5077-05	2L	200	36
2-5077-06	3L	100	
2-5077-07	5L	–	
NEW 2-5077-09	10L		20

※ -10-3203 and -3204 do not come with caps and stoppers.
-For 10-3223 and -3224, the cap and inner cap are set in the body.

※Sales unit is 1 case.

Product No. for sterilized type	Capacity	Scale (mL)	Quantity (piece/case)
65-9036-69	100mL	–	200
	160mL		200
65-9036-70	250mL		160
65-9036-71	500mL		75
65-9036-72	1L		40
65-9036-73	2L	200	36
65-9036-74	3L	100	
65-9036-75	5L	–	

※Sterilized products will be arranged after receiving an order. (not kept as inventory)
※Sales unit is 1 case(Stelirized type).
※Sterilized products are non-returnable.

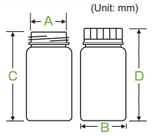
Size Table

Capacity	Dimensions (mm) A	B	C	D
20mL	φ21.0	φ31.0	43.0	45.5
30mL			58.0	60.5
50mL	φ27.5	φ39.0	74.0	77.5
100mL	φ35.5	φ47.5	89.0	92.0
160mL	φ29.5	φ55.0	106.0	110.0
250mL	φ29.5	φ 63.5	120.0	124.0
300mL		φ 67.0	138.0	142.0
500mL	φ41.5	φ 80.0	153.5	157.5
1L		φ 98.0	192.5	196.5

Capacity	Dimensions (mm) A	B	C	D
2L	φ85.0	φ125.0	244.0	250.0
3L		φ145.5	292.5	298.5
5L		φ169.5	313.0	319.0
10L		φ222.5	346.0	352.0
10 L short	φ84.5	φ250.0	295.0	302.0
20L	φ98.5	φ305.0	466.0	472.0
30L		φ310.0	570.0	576.0
50L	φ180.0	φ382.0	625.0	632.0

※Dimensions have tolerances.

(Unit: mm)



A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid

Wide-mouth

50L wide mouth (mouth)

※**50L** type has a hole through which a string or like can be threaded.

Specifications

Case sales | Sample

- Material: Body/High-density polyethylene (HDPE), Cap/Polypropylene (PP), High-density polyethylene (HDPE), Inner cap/Linear polyethylene (LLDPE)
- Operating temperature range: 0 to 70℃
- Sterilized by EOG (ethylene oxide gas sterilization)

Rectangular container for easy storage

Standard bottle, square narrow-mouth, wide-mouth (natural)

Body HDPE | Inner cap LLDPE | Cap PP | Operating temperature range 0℃~70℃

Standard bottle, square narrow-mouth (natural)

Product Number	Capacity	Quantity (piece/case)
10-2901-55	100mL	200
10-2902-55	250mL	160
10-2903-55	500mL	75
10-2904-55	1L	48

※Sales unit is 1 piece. (Sterilized type is 1 case)

Product No. for sterilized type	Capacity	Quantity (piece/case)
65-9036-53	100mL	200
65-9036-54	250mL	160
65-9036-55	500mL	75
65-9036-56	1L	48

※Sterilized products will be arranged after receiving an order. (not kept as inventory)
※Sterilized products are non-returnable.

Standard bottle, square wide mouth (natural)

Product Number	Capacity	Quantity (piece/case)
10-3001-55	100mL	200
10-3002-55	250mL	160
10-3003-55	500mL	75
10-3004-55	1L	48

※Sales unit is 1 piece. (Sterilized type is 1 case)

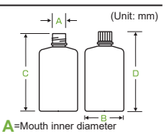
Product No. for sterilized type	Capacity	Quantity (piece/case)
65-9036-57	100mL	200
65-9036-58	250mL	160
65-9036-59	500mL	75
65-9036-60	1L	48

※Sterilized products will be arranged after receiving an order. (not kept as inventory)
※Sterilized products are non-returnable.

Narrow mouth Size Table

Capacity	Outer dimension(mm) A	B	C	D
100mL	φ17.0	φ42.5	94.2	97.0
250mL		φ60.0	123.8	126.5
500mL	φ22.5	φ70.0	166.0	169.5
1L		φ90.0	202.0	205.5

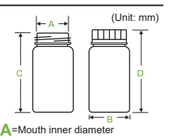
※Dimensions have tolerances.



A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid

Wide Mouth Size Table

Capacity	Outer dimension (mm) A	B	C	D
100mL	φ35.5	φ44.5	76.5	79.0
250mL	φ29.5	φ60.0	119.7	123.5
500mL	φ42.0	φ71.5	150.0	154.0
1L		φ91.0	189.5	193.5



A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid

Features

- Economical, saving about 20% of storage space compared to round type.
- No scale

Specifications

Sample / Case sales

- Material: Body/High-density polyethylene (HDPE),
  Cap/Polypropylene (PP),
  Inner cap/Linear polyethylene (LLDPE)
- Operating temperature range: 0 to 70℃
- No scale
- Sterilized by EOG (ethylene oxide gas sterilization)

Washing bottle

We offer precision cleaning services for a wide variety of products listed in our catalog.

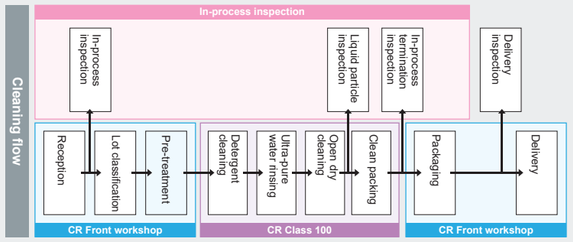
How to Order

Meeting on cleaning and packaging specifications → Cleaning → Delivery as clean packs

(Please refer to the flow chart on the right for the cleaning process)

Achieves ultimate surface cleaning that is essential for high-precision industries!!

This surface contamination control system is indispensable for high-precision industries as a post-process in dissolving foreign matter with solvents. We use ultra-pure water with an upper limit of 18,3 MΩ (theoretical resistivity) → lower limit of 16,0 MΩ in combination with a charge neutralizer to control the cleaning of sub-micron size particles and to contribute to stable production in high-precision industries through surface cleaning technology close to extreme limits.



Autoclavable PP Containers

NP Bottle

No inner cap | Body Cap PP | Autoclavable | Operating temperature range 0℃~121℃

	Product Number	Model No.	Capacity	Quantity (piece/case)
Narrow mouth	13-0001-05	NPN-50	50mL	100
	13-0002-05	NPN-100	100mL	
	13-0003-05	NPN-250	250mL	
	13-0004-05	NPN-500	500mL	50
	13-0005-05	NPN-1000	1L	
Wide mouth	13-1001-05	NPW-50	50mL	100
	13-1002-05	NPW-100	100mL	
	13-1003-05	NPW-250	250mL	
	13-1004-05	NPW-500	500mL	50
	13-1005-05	NPW-1000	1L	

※Sales unit is 1 piece. (Sterilized type is 1 case)

Product No. for sterilized type	Capacity	Quantity (piece/case)
65-9171-44	50mL	100
65-9171-45	100mL	
65-9171-46	250mL	
65-9171-47	500mL	50
65-9171-48	1L	
65-9171-49	50mL	100
65-9171-50	100mL	
65-9171-51	250mL	
65-9171-52	500mL	50
65-9171-53	1L	

※Sterilized products will be arranged after receiving an order. (not kept as inventory)
※Sterilized products are non-returnable.

Features

- The quantity per box of **500ml** or less is small, which makes it easier to purchase.
- The price we offer is affordable .

Specifications

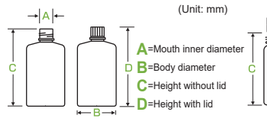
Sample / Case sales

- **50ml**, **100ml**, and **250ml** narrow-mouth bottles are injection-blow-formed.
  Wide-mouth **250ml**, **500ml**, and **1000ml** are direct blow molded.
- Material: Body and cap/polypropylene (PP)
- Operating temperature range: 0 to 121℃
- Autoclavable

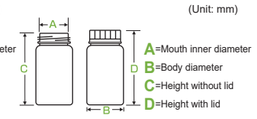
Size Table

	Capacity	Outer dimension (mm) A	B	C	D
Narrow mouth	50mL	φ13.6	φ38	82.5	85.0
	100mL	φ21.0	φ50	93.0	95.5
	250mL	φ25.8	φ63	128.0	130.5
	500mL	φ37.0	φ77	166.0	168.5
	1L		φ96	199.0	201.5
Wide mouth	50mL	φ25.8	φ38	82.5	85.0
	100mL	φ33.8	φ50	93.0	95.5
	250mL		φ63	128.0	130.5
	500mL	φ54.0	φ77	158.0	160.5
	1L		φ96	195.0	197.5

※Dimensions have tolerances.



A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid



A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid

Ideal for water quality testing

Sterile Water Sampling Bottle

Body HDPE | Cap PP | Operating temperature range 0℃~70℃

Product Number	Model No.	Capacity	Scale (mL)	Quantity (piece/case)
3-5437-21	MSM-100	100mL	50	100
3-5437-22	MSM-100H (with hypo)			
3-5438-21	MSK-200	200mL		
3-5438-22	MSK-200H(with hypo)			

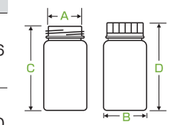
※Sales unit is 1 case.

Features

- Hypo (sodium thiosulfate) containing type neutralizes chlorine.
- Sterilized by gamma ray.
- Individual package.
- The quantity is **100** pieces, which is easy to purchase.
- Caps with hypo are colored white.

Size Table (Unit: mm)

Model No.	Dimensions (mm) A	B	C	D
MSM-100	φ33.5	φ50.0	81.6	83.6
MSM-100H (with hypo)				
MSK-200		φ53.2	114.0	116.0
MSK-200H (with hypo)				



A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid

※Dimensions have tolerances.

Specifications

- Material: Body/high density polyethylene (**HDPE**), Cap/Polypropylene (**PP**)
- With scale

Case sales

Information about custom order

We will capitalize on all the expertise of the NIKKO brand that we have gathered so far to meet the shapes and specification requests by our customers. Please feel free to contact us.

How to Order

Request ▶ Submitting drawings and estimates ▶ Die making ▶ Prototype ▶ Container

Contact Information
Sales department

TEL:06-4801-7727

No gasket or inner stopper is required for convenience.

PET Screw Vial (Transparent/Shading)

No inner cap | Body PET | Cap PP | Operating temperature range -40℃~70℃

■ **Transparent** Excellent transparency and resistance to breakage even if dropped.

Product Number	Model No.	Capacity	Quantity (piece/case)
1-9630-01	JST-R/N 10	10mL	50
1-9630-02	JST-R/N 15	15mL	
1-9630-03	JST-R/N 20	20mL	
1-9630-04	JST-R/N 30	30mL	
1-9630-05	JST-R/N 50	50mL	
1-9630-16	JST-R/N 60	60mL	
1-9630-17	JST-R/N 100	100mL	

※Sales unit is 1 case.

■ **Shading** Can be used in the UV drop range.

Product Number	Model No.	Capacity	Quantity (piece/case)
17-2000-10-55	JST-R/A 10	10mL	50
17-2000-15-55	JST-R/A 15	15mL	
17-2000-20-55	JST-R/A 20	20mL	
17-2000-30-55	JST-R/A 30	30mL	
17-2000-50-55	JST-R/A 50	50mL	
17-2000-60-55	JST-R/A 60	60mL	
17-2001-00-55	JST-R/A 100	100mL	

※Sales unit is 1 case.

Quantity per carton

10mL	15mL	20mL	30mL	50mL	60mL	100mL
1000 pcs.						500 pcs.

Size Table (Unit: mm)

Model No.	Filling Capacity	Dimensions (mm) A	B	C	D
JST-R/N 10	13.0mL	φ14.0	φ24.0	44.0	46.5
JST-R/N 15	18.0mL		φ25.0	53.5	56.0
JST-R/N 20	23.5mL		φ27.0	59.0	61.5
JST-R/N 30	36.5mL	φ19.5	φ30.0	68.0	71.0
JST-R/N 50	58.0mL		φ35.0	78.5	81.5
JST-R/N 60	73.0mL	φ28.5	φ40.0	73.5	76.0
JST-R/N 100	15.0mL			108.5	111.5

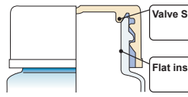
A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid

※Dimensions have tolerances.

Specifications

- Material: Body/PET resin, Cap/Polypropylene (PP)
- Operating temperature range: -40 to 70℃
- No scale

Small box sales | Sample



Valve Sealing The valve gasket of the cap adheres tightly to the mouth of the container body, preventing leakage without the need for a stopper or packing.

Flat inside The mouth is injection molded, dramatically improving molding accuracy compared to conventional containers.

JST shading type UV Transmission Data

Affordable sample container

Push Vial

No inner cap | Body PP | Cap LLDPE | Operating temperature range 0℃~70℃

Product Number	Model No.	Capacity	Quantity (piece/case)
10-1901-55	PV-1	1mL	100
10-1902-55	PV-2	2mL	
10-1903-55	PV-3	3mL	
10-1904-55	PV-5	5mL	
10-1905-55	PV-10	10mL	
10-1906-55	PV-15	15mL	50
10-1907-55	PV-20	20mL	
10-1908-55	PV-30	30mL	
10-1909-55	PV-50	50mL	
10-1910-55	PV-100	100mL	25

※Sales unit is 1 piece.

Features

- Cylindrical top for convenient storage of small amounts of sample, with push-in lid.

Specifications

- Material: Body: Polypropylene (PP), Cap: Linear polypropylene (LLDPE)
- Operating temperature range: 0 to 70℃
- No scale

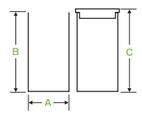
Body PP | Sample | Pack sales

Quantity per carton

PV-1	PV-2	PV-3	PV-5	PV-10	PV-15	PV-20	PV-30	PV-50	PV-100
2000 pcs.					1000 pcs.			500 pcs.	200 pcs.

Size Table (Unit: mm)

Model No.	Outer dimension (mm) A	B	C
PV-1	φ10	27.4	28.4
PV-2	φ12	33.4	34.7
PV-3	φ13	40.4	43.0
PV-5	φ16	41.3	44.0
PV-10	φ21	44.4	46.8
PV-15	φ24	48.3	50.7
PV-20	φ26	54.5	57.0
PV-30	φ30	59.2	61.6
PV-50	φ35	73.2	75.6
PV-100	φ40	113.0	115.4



A=Body diameter
B=Bottle height
C=Overall height

※Dimensions have tolerances.

Functional Containers
ECO PLASTIC
Fluorine gas coating
Clean bottle (Washing bottle)
Sealed bottle
Containers
Small container
JP bottle
J bottle
Standard bottle
NP bottle
Sterile water sampling bottle
Vial (PET screw)
Vial (Push)
Flat square can
Bottle with cock
Taper jar/tank
Cock
Square box
Ointment container
PP clear jar
Techno bottle
Large polycarbonate bottle
Multi bottle
Trigger bottle
Instruments
Disposable beaker PE hand beaker
Beaker (TPX/PP no handle)
Beaker (TPX/PP with handle)
Measuring cup (PC/PP)
Beaker (Conical)
Flask
Cylinder
Water tank
Dropper
Washing bottle
Funnel
Devices
Desiccator
Small vacuum pot

Individual item sales mark The items are sold in units of 1 piece.
Pack sales mark The items are sold in units of packs.
Small box sales mark The items are sold in units of small boxes.
Case sales mark The items are sold in case units.
Sample mark Sample items are available.
No return mark Due to the nature of the product, this product cannot be returned.
Packing mark Packing specifications are in place.
No inner cap mark No inner cap: This specification eliminates the need to attach an inner cap.
Material mark Material of each product is shown.
Autoclave mark This product is autoclavable.
Operating temperature range mark Indicates the operating temperature range of each product.

▶▶ Mention the code and product name when placing an order. ▶▶ Custom-made products are also available upon request. Please feel free to contact us.

▶▶ Our product drawings can be obtained from our website. https://www.nikko-hansen.com

Suitable for industrial and commercial applications

Flat Square Can (1 Port)

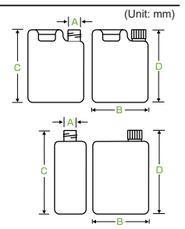
Packing | Body HDPE | Cap PP | Inner cap LLDPE | Operating temperature range 0℃~70℃

Product Number	Capacity	Scale (mL)	Quantity (piece/case)
10-4203-55	500mL	50	100
10-4204-55	1L	100	200
10-4101-55	2L	100	90
10-4102-55	3L	500	60
10-4133-55	4L		45
10-4134-55	5L		40
10-4105-55	6L	–	20
10-4106-55	10L	1000	20
10-4107-55	20L	–	5

※Sales unit is 1 piece.

Capacity	Outer dimension(mm)			
	A	B	C	D
500mL	ϕ21.5	88.0×50.5	159.0	161.5
1L		115.0×58.0	186.5	189.0
2L	ϕ29.5	144.0×79.0	238.5	234.5
3L		179.0×92.5	237.5	233.5
4L		211.0×95.5	258.0	250.5
5L		220.0×100.0	283.0	277.5
6L	ϕ31.5	195.0×145.0	270.0	273.5
10L	ϕ29.5	261.5×137.5	359.0	352.0
20L	ϕ51.5	352.5×180.0	408.0	403.0

※Dimensions have tolerances.



A=Inner diameter
B=Body outer diameter
C=Overall height
D=Height with lid

Features

- It has a handle that makes it easy to hold and easy to carry.
- Some model equip with rib (3L: one side, 6L/20L: both sides)
- No handle and is a slim, space-saving type. (for 500mL, 1L)
- 500 mL has no inner cap, and has a J Cap specification. (P.13/14)

Specifications

Individual item delivery | Case sales

- Material: Body/High density polyethylene (HDPE),
  Inner Cap/ Linear polyethylene (LLDPE)
  Cap/Polypropylene (PP)
- Operating temperature range: 0 to 70℃

Wide-Mouth type

Flat Square Can (Wide Mouth) (1 port)

Body Cap HDPE | Inner cap LLDPE | Operating temperature range 0℃~70℃

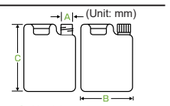
Product Number	Capacity	Quantity (piece/case)
5-014-11	10L	18
5-014-12	20L	5

※Sales unit is 1 piece.

Size Table

Capacity	Outer dimension (mm)		
	A	B	C
10L	ϕ98.5	320.0×140	336
20L	ϕ98.5	351.5×180	439

※Dimensions have tolerances.



A=Mouth inner diameter
B=Body diameter
C=Overall height

Features

- Easy to inject and dispense liquid.

Specifications

Individual item delivery | Case sales

- Material: Main, External lid/HDPE (High-density polyethylene)
  Inner Cap/Linear polyethylene (LLDPE)
- Operating temperature range: 0 to 70℃
- No scale

Double mouth shape for easy extraction of contents

Flat Square Can (2 Ports)

Packing | Body HDPE | Cap PP | Cap HDPE | Inner cap LLDPE | Operating temperature range 0℃~70℃

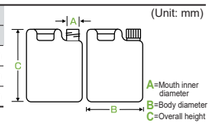
Product Number	Capacity	Quantity (piece/case)	Nozzle
10-4931-55	5L	20	With
10-4932-55	10L	9	
10-4803-55	20L	5	
10-4933-05	5L	20	Without
10-4934-05	10L	9	
10-4813-55	20L	5	

※Sales unit is 1 piece.

Size Table

Capacity	Outer dimension (mm)		
	A	B	C
5L	ϕ31.2・ϕ31.2	230.0×125.0	263.0
10L	ϕ36.6・ϕ38.0	300.0×150.0	326.0
20L	ϕ51.5・ϕ31.0	350.0×183.0	449.0

※Dimensions have tolerances.



A=Mouth inner diameter
B=Body diameter
C=Overall height

Dedicated parts

Product Number	Item name	Size (mm)	Hole diameter (ϕmm)
10-9801-55	Nozzle (Large) for 20L	ϕ49×ϕ30×325	–
10-9831-55	Nozzle (Middle) for 10L	ϕ35×ϕ14×326	–
10-9832-55	Nozzle (Small) for 5	ϕ31×ϕ17×216	–
10-9901-55	Cap with Hole for Nozzle (Large)	ϕ72×21	54.0
10-9931-55	Cap with Hole for Nozzle (Middle)	ϕ61×26	38.0
10-9932-55	Cap with Hole for Nozzle (Small)	ϕ48×16	27.5

※Sales unit is 1 piece. ※Dimensions have tolerances.

Suitable for industrial and commercial applications

Flat Square Can (1 Port) Gray

Body HDPE | Cap PP | Cap HDPE | Inner cap LLDPE | Operating temperature range 0℃~70℃

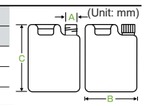
Product Number	Capacity	Quantity (piece/case)
10-4501-55	5L	20
10-4502-55	10L	9
10-4503-55	20L	5

※Sales unit is 1 piece.

■Size Table

Capacity	Outer dimension (mm)		
	A	B	C
5L	ϕ30	145×195	236.0
10L	ϕ36	165×244	331.0
20L	ϕ51	352×180	408.0

※Dimensions have tolerances.



A=Mouth inner diameter B=Body diameter C=Overall height

Features

- It has a handle that makes it easy to hold and easy to carry.
- **5L** has ribs on one side, **10L** and **20L** have ribs on both sides.

Specifications

Case sales

- Material: Body/High density polyethylene (HDPE),
  10L Cap/Polypropylene (PP)
  5L, 20L Cap/high density polyethylene (HDPE)
  Inner Cap/Linear polyethylene (LLDPE)
- Operating temperature range: 0 to 70℃
- No scale

Square shape for easy storage

Conformal Can (1 Port)

Body HDPE | Cap PP | Cap HDPE | Inner cap LLDPE | Operating temperature range 0℃~70℃

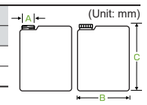
Product Number	Capacity	Quantity (piece/case)
10-4601-55	10L	10
10-4602-55	20L	4

※Sales unit is 1 piece.

■Size Table

Capacity	Outer dimension (mm)		
	A	B	C
10L	ϕ42.5	220×215	308
20L	ϕ51.5	257×257	392

※Dimensions have tolerances.



A=Mouth inner diameter B=Body diameter C=Overall height

Features

- Square shape for easy to storage

Specifications

Case sales

- Material: Body/High density polyethylene (HDPE),
  10L Cap/Polypropylene (PP)
  5L, 20L Cap/high density polyethylene (HDPE)
  Inner Cap/Linear polyethylene (LLDPE)
- Operating temperature range: 0 to 70℃
- No scale

Functional Containers
ECO PLASTIC
Fluorine gas coating
Clean bottle (Washing bottle)
Sealed bottle
Containers
Small container
JP bottle
J bottle
Standard bottle
NP bottle
Sterile water sampling bottle
Vial (PET screw)
Vial (Push)
Flat square can
Bottle with cock
Taper jar/tank
Cock
Square box
Ointment container
PP clear jar
Techno bottle
Large polycarbonate bottle
Multi bottle
Trigger bottle
Instruments
Disposable beaker PE hand beaker
Beaker (TPX/PP no handle)
Beaker (TPX/PP with handle)
Measuring cup (PC/PP)
Beaker (Conical)
Flask
Cylinder
Water tank
Dropper
Washing bottle
Funnel
Devices
Desiccator
Small vacuum pot

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Packing mark Packing specifications are in place.
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▶▶ Our product drawings can be obtained from our website. https://www.nikko-hansen.com

Highly versatile bottle with cock

Bottle with Lever Cock

Body HDPE | Cap PP, HDPE | Inner cap LLDPE | Cock PP | Operating temperature range 0℃~90℃

Product Number	Model No.	Cock	Mouth inner diameter (mm)	Scale (ml)
10-3504-55	Narrow Mouth 5L with RC	RC-20A	φ 33.5	–
10-3505-55	Narrow Mouth 10L with RC			500
10-3506-55	Narrow Mouth 20L with RC			–
10-3507-55	Narrow Mouth 30L with RC			
10-3508-55	Narrow Mouth 50L with RC		φ 98.5	
10-3604-55	Wide Mouth 5L with RC		φ 85.0	
10-3605-55	Wide Mouth 10L with RC			
10-3606-55	Wide Mouth 20L with RC		φ 98.5	
10-3607-55	Wide Mouth 30L with RC			
10-3608-55	Wide Mouth 50L with RC		φ180.0	500
10-5201-55	Conformal type 10L with RC		φ 42.5	–
10-5202-55	Conformal type 20L with RC		φ 51.5	
10-5207-55	Flat Square type 5L with RC		φ 29.5	500
10-5209-55	Flat Square type 10L with RC		φ 29.5	1000
10-5210-55	Flat Square type 20L with RC		φ 51.5	–
10-5211-55	Flat Square type with wide mouth 10L with RC		φ 95.5	1000
10-5212-55	Flat Square type with wide mouth 20L with RC			–
10-5301-55	Flat Square type (2 ports) 5L with RC		φ31.2×31.2	
10-5302-55	Flat Square type (2 ports) 10L with RC		φ36.6×38.0	
10-5303-55	Flat Square type (2 ports) 20L with RC		φ51.5×32.0	

※Sales unit is 1 piece. ※Please refer pages **17-19, 23, 24** for container sizes.

Features

- The flow rate can be adjusted by rotating the lever.

Specifications

Individual item delivery

- Material: Body/High density polyethylene (HDPE) 10-3504-55 to 10-3507-55
  Cap/Polypropylene (PP)
  High density polyethylene (HDPE) 10-3508-55 to 10-5303-55,
  Inner plug: Linear low-density polyethylene (LLDPE), cock (PP)

With cock with automatic stopper function

Bottle with Easy Cock

Body HDPE | Cap PP, HDPE | Inner cap LLDPE | Cock PP | Operating temperature range 0℃~70℃

Product Number	Model No.	Cock	Mouth inner diameter (mm)	Scale (ml)
10-3301-55	Narrow Mouth 5L with EC	EC-20A	φ 33.5	–
10-3302-55	Narrow Mouth 10L with EC			500
10-3303-55	Narrow Mouth 20L with EC			–
10-3304-55	Narrow Mouth 30L with EC			
10-3305-55	Narrow Mouth 50L with EC		φ 98.5	
10-3401-55	Wide Mouth 5L with EC		φ 85.0	
10-3402-55	Wide Mouth 10L with EC			
10-3403-55	Wide Mouth 20L with EC		φ 98.5	
10-3404-55	Wide Mouth 30L with EC			
10-3405-55	Wide Mouth 50L with EC		φ180.0	500
10-5001-55	Conformal type 10L with EC		φ 42.5	–
10-5002-55	Conformal type 20L with EC		φ 51.5	
10-5003-55	Flat Square type 5L with EC		φ 29.5	500
10-5004-55	Flat Square type 10L with EC			1000
10-5005-55	Flat Square type 20L with EC		φ 51.5	–
10-5006-55	Flat Square type with wide mouth 10L with EC		φ 95.5	1000
10-5007-55	Flat Square type with wide mouth 20L with EC			–
10-5101-55	Flat Square type (2 ports) 5L with EC		φ31.2×31.2	
10-5102-55	Flat Square type (2 ports) 10L with EC		φ36.6×38.0	
10-5103-55	Flat Square type (2 ports) 20L with EC		φ51.5×32.0	

※Sales unit is 1 piece. ※Please refer pages **17** to **19, 23, 24** for container sizes.

Features

- One-touch cock bottle

Specifications

Individual item delivery

- Material: Body/high density polyethylene (HDPE),
  Cap/polypropylene (PP), high density polyethylene (HDPE)
  Inner plug: Linear low-density polyethylene (LLDPE), cock (PP)

Extraction vessel for supernatant liquid

Lime Water Sampling Bottle

Body HDPE | Cap PP, HDPE | Inner cap LLDPE | Cock PP | Operating temperature range 0℃~70℃

Product Number	Capacity	Cock	Mouth inner diameter (mm)	Stopcock position(mm)
10-3903-55	5L	RC-20 A	φ 85.0	80
10-3901-55	10L			100
10-3902-55	20L		φ 98.5	150

※Sales unit is 1 piece.

Features

- General-purpose cock bottle
- Water sampling bottle ideal for experiments

Specifications

Individual item delivery

- Material: Body/high density polyethylene (HDPE),
  Cap/Polypropylene (PP), Cock/Polypropylene (PP)
  Inner cap: Linear low-density polyethylene (LLDPE)

Suitable as a storage tank.

Taper Jar (Round/Square), Taper Tank

Standard Bottle (Round Wide Mouth)
(Please refer to the video.)

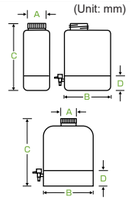
Product Number	Model No.	Capacity	Caster
4-4021-01	Taper Jar Round 10L	10L	Equipped
4-4021-02	Taper Jar Round 20L	20L	
4-5644-01	Taper jar square type 10L	10L	
4-5644-02	Taper jar square type 20L	20L	
4-4021-03	Taper tank 50L	50L	Not equipped
70-8622-55	Taper tank 50L		Equipped
4-4021-04	Taper tank 100L screw cap	100L	Not equipped
70-8632-55	Taper tank 100L open type		
70-8633-55	Taper tank 100L screw cap		Equipped
70-8634-55	Taper tank 100L open type		

※Sales unit is 1 piece.

Size Table

(Unit: mm)

Model No.	Outer dimension (mm) A	B	C	D
Taper Jar Round 10L	φ95	φ265	352	86.5
Taper Jar Round 20L		φ317	436	102.5
Taper jar square type 10L		257×171	413	90.0
Taper jar square type 20L		345×195	488	
Taper tank 50L	φ93	440	649	131.0
Taper tank 50L			579	
Taper tank 100L screw cap	φ240	570	960	222.0
Taper tank 100L open type	φ490		802	
Taper tank 100L screw cap	φ240		853	
Taper tank 100L open type	φ490		685	



A=Mouth inner diameter
B=Body diameter
C=Overall height
D=Height of bottom part

※Dimensions have tolerances.

Features

- No liquid remains due to the slanted bottom structure
- Comes with a handle for convenient carrying (square type only)

Taper Jar (Round)/Taper Tank Specifications

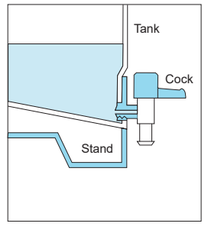
No inner cap | Body/Stand HDPE | Cap PP | Cock PP, PVC | Operating temperature range 0℃~70℃ | Small box sales

- Material: Body, Bottom/High density polyethylene (HDPE)
  Cap PP, Cock/Polypropylene (PP)
  Vinyl Chloride Resin (PVC) (only 100L)
- Operating temperature range: 0 to 70℃
- With standard cock (RC-20A blue)
- No scale

Taper Jar (Square) Specifications

No inner cap | Body Cap Cock PP | Autoclavable | Operating temperature range 0℃~121℃ | Small box sales

- Material: Body/Cap/Cock/Polypropylene (PP)
- Operating temperature range: 0 to 121℃
- Autoclavable
- With heat-resistant cock (RC-20A green)
- 10L with a scale every 1L, 20L every 2L



Dedicated parts (cocks/valves)

Product Number	Model No.	Material (gasket)
4-5020-01	For RC-20A blue round type	Nitrile rubber (NBR)
4-4021-01-01	For RC-20A green square type	Silicon rubber (Si)
4-5020-02	Cock for 50L	Nitrile rubber (NBR)
4-5020-03	Ball valve for 100L	

※Sales unit is 1 piece.

Specifications

Individual item delivery | Operating temperature range 0℃~110℃ | Operating temperature range -30℃~70℃

- Material: Polypropylene (PP)
  Vinyl chloride resin (PVC)
- Operating temperature range: 0 to 110℃

Easy-to-use cock

LeverCock/Easycock

Cock PP

Product Number	Model No.	Material (gasket)
4-5020-01	For RC-20A blue round type	NBR
4-4021-01-01	For RC-20A green square type	Silicon
65-9171-58	RC-20A water-chemical resistant	Byton
NEW 65-9171-59	RC-20A pink	EPDM
65-9171-60	EC-20A	NBR Silicon

※Sales unit is 1 piece.

Features

- The flow rate of the lever cock can be adjusted by rotating the lever.
- Easy cock opens and closes with one touch.
  (Silicone gasket is used inside)
- Tip outer diameter:RC：φ19、EC：φ15

Specifications

Individual item delivery

- Lever cock: Material (polypropylene)
- Easy type cock: Material (polypropylene)
- EPDM can be used with alcohol

Suitable for liquid transportation.

Union Container

Body LDPE + Nylon | Cap HDPE | Inner cap LDPE | Operating temperature range 0℃~60℃

Union Container (Clean type)

Product Number	Item name	Specifications	Capacity	Quantity
2-3409-01	Clean type 5A	Single-Layer	5L	100
2-3409-02	Clean type 10A	Single-Layer	10L	
2-3409-21	Clean type 18A	Single-Layer	18L	50
2-3409-03	Clean type 20A	Single-Layer	20L	
2-3409-23	Clean type α5P	Multi-Layer	5L	100
2-3409-24	Clean type α10P	Multi-Layer	10L	
2-3409-25	Clean type α18P	Multi-Layer	18L	50
2-3409-26	Clean type α20P	Multi-Layer	20L	

Features

Case sales

- Excellent chemical resistance, pinhole resistance, and drop strength.
- Excellent heat resistance, suitable for various foods.
- Leak test (liquid leakage test) is carried out for all items.
- Multilayers have excellent gas barrier properties.

Union Container Clean Exterior Case

Product Number	Item name	Quantity
2-3409-04	Clean type 5L Case	10
2-3409-05	Clean type 10L Case	
2-3409-22	Clean type 18L Case	
2-3409-06	Clean type 20L Case	

Union Container Square

Product Number	Item name	Specifications	Capacity	Quantity
4-2729-01	Square α5N	PE/Nylon	5L	100
4-2729-02	Square α10N	PE/Nylon	10L	
4-2729-03	Square α18N	PE/Nylon	18L	50
4-2729-04	Square α20N	PE/Nylon	20L	
4-2729-05	Square α5B	High barrier	5L	100
4-2729-06	Square α10B	High barrier	10L	
4-2729-07	Square α18B	High barrier	18L	50
4-2729-08	Square α20B	High barrier	20L	

Features

Case sales

- Use the seal on the top for carrying.
- Like clean, there is almost no residual liquid.
- Space saving (when not in use) and reduction of displacement (volume and weight).
- Printing on film (containers) and use of color film are also possible.

Union Container Square Exterior Case

Product Number	Item name	Quantity
4-2729-11	Square 5L Case	10
4-2729-12	Square 10L Case	
4-2729-13	Square 18L Case	
4-2729-14	Square 20L Case	

Accessories for Square box

Product Number	Item name	Quantity
2-3409-11	Cock φ9	50
2-3409-12	Screw nozzle	
2-3409-13	One-touch nozzle	
2-3409-14	General cap	
2-3409-15	Gas release cap (black)	

※Sales unit is 1 piece

Wide mouth type ideal for powders and pastes.

Ointment Container NK Type

Inner cap LLDPE | Packing | Body HDPE | Cap PP | Operating temperature range 0℃~70℃

Product Number	Model No.	Quantity (piece/case)
10-6901-55	NK-30	1000
10-6902-55	NK-50	300
10-6906-55	NK-300	200
10-6907-55	NK-500	100
10-6911-55	NK-800	
10-6908-55	NK-1000	50

※Sales unit is 1 piece.

Size Table

(Unit: mm)

Model No.	Outer dimension (mm) A	B	C
NK-30	φ28.0	φ38.5	40.0
NK-50	φ36.0	φ48.0	58.0
NK-300	φ56.5	φ70.0	103.5
NK-500	φ72.5	φ89.5	118.0
NK-800			160.5
NK-1000		φ96.5	174.5

※Dimensions have tolerances.

A=Mouth inner diameter
B=Body diameter
C=Height with lid

Features

- Cylindrical shape for easy loading of powders and viscous samples.

Specifications

Case sales

- Material: Body/high density polyethylene (HDPE), Cap/Polypropylene (PP), Gasket (PE) Inner Cap/Linear polyethylene (LLDPE)
- Operating temperature range: 0 to 70℃
- Cap: NK-30/50/with inner plug, NK-300/500/800/1000/with gasket
- No scale

Wide mouth cylindrical shape for easy confirmation of contents.

PP Clear Jar

Body Cap PP | Inner cap LLDPE | Operating temperature range 0℃~70℃

Product Number	Model No.	Quantity (piece/case)
17-0102-55	CJ-120	200
17-0103-55	CJ-250	120
17-0104-55	CJ-400	100
17-0105-55	CJ-600	80
17-0106-55	CJ-1000	50

※Dimensions have tolerances.
※Sales unit is 1 piece.

Size Table

(Unit: mm)

Model No.	Outer dimension (mm) A	B	C	D
CJ-120	φ56.5	φ65.7	φ57.0	72
CJ-250	φ66.0	φ75.4	φ65.5	92
CJ-400	φ88.2	φ99.2	φ85.0	93
CJ-600			φ88.0	123
CJ-1000			φ85.0	210

※Dimensions have tolerances.

A=Mouth inner diameter
B=Cap outer diameter
C=Bottom diameter
D=Height with lid

Features

- The inside of the mouth has a flat structure, easy to put in highly viscous samples.

※When you close the inner cap, please remove the air inside.

Specifications

Case sales

- Material: Body and cap/polypropylene (PP) Inner Cap/Linear polyethylene (LLDPE)
- Operating temperature range: 0 to 70℃
- No scale

Functional Containers
ECO PLASTIC
Fluorine gas coating
Clean bottle (Washing bottle)
Sealed bottle
Containers
Small container
JP bottle
J bottle
Standard bottle
NP bottle
Sterile water sampling bottle
Vial (PET screw)
Vial (Push)
Flat square can
Bottle with cock
Taper jar/tank
Cock
Square box
Ointment container
PP clear jar
Techno bottle
Large polycarbonate bottle
Multi bottle
Trigger bottle
Instruments
Disposable beaker PE hand beaker
Beaker (TPX/PP no handle)
Beaker (TPX/PP with handle)
Measuring cup (PC/PP)
Beaker (Conical)
Flask
Cylinder
Water tank
Dropper
Washing bottle
Funnel
Devices
Desiccator
Small vacuum pot

Individual item sales mark The items are sold in units of 1 piece.
Pack sales mark The items are sold in units of packs.
Small box sales mark The items are sold in units of small boxes.
Case sales mark The items are sold in case units.
Sample mark Sample items are available.
No return mark Due to the nature of the product, this product cannot be returned.

Packing mark Packing specifications are in place.
No inner cap mark No inner cap: This specification eliminates the need to attach an inner cap.
Material mark Material of each product is shown.
Autoclave mark This product is autoclavable.
Operating temperature range mark Indicates the operating temperature range of each product.

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TPX® Techno Bottle

Body TPX® | Cap PP | Autoclavable | Operating temperature range 20℃~121℃

	Product Number	Capacity	Approximate scale (mL)	Quantity (pcs/case)
Narrow mouth	4-5634-11	100mL	10	50
	4-5634-12	250mL	50	40
	4-5634-13	500mL		20
	4-5634-14	1L	100	10
Wide mouth	4-5635-11	100mL	–	50
	4-5635-12	250mL		40
	4-5635-13	500mL		20
	4-5635-14	1L		10

※Loosen the lid when autoclaving.
※Sales unit is 1 piece. (Sterilized type is 1 case)

Product No. for sterilized type	Capacity	Approximate scale (mL)	Quantity (pcs/case)
65-9171-36	100mL	10	50
65-9171-37	250mL	50	40
65-9171-38	500mL		20
65-9171-39	1L	100	10
65-9171-40	100mL	–	50
65-9171-41	250mL		40
65-9171-42	500mL		20
65-9171-43	1L		10

※Sterilized products will be arranged after receiving an order. (not kept as inventory)

Features

- Operating temperature range: 20 to 121℃ (Autoclavable)

Specifications

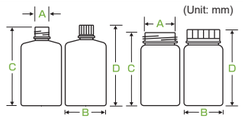
Case sales

- Material: Body/Methylpentene resin (TPX®)
  Cap/Polypropylene (PP), Gasket/Silicone
- Operating temperature range: 20 to 121℃
- Sterilized by EOG (ethylene oxide gas sterilization)
- Autoclavable

Size Table

	Capacity	Outer dimension (mm) A	B	C	D
Narrow mouth	100mL	φ21.8	φ48.0	96.0	99.5
	250mL		φ62.0	126.0	129.5
	500mL	φ32.8	φ75.5	161.5	165.0
	1L		φ95.0	196.5	200.0
Wide mouth	100mL	φ33.0	φ52.0	85.5	89.0
	250mL		φ62.0	125.5	129.0
	500mL	φ42.3	φ75.0	160.0	163.5
	1L	φ42.5	φ95.0	194.0	197.5

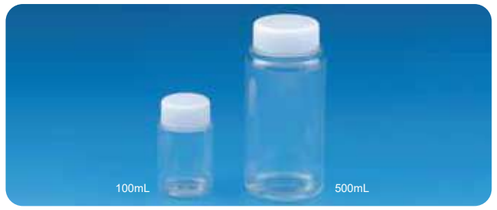
※Dimensions have tolerances.



A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid

PC Techno Bottle

Body PC | Cap PP | Autoclavable | Operating temperature range 0℃~121℃



	Product Number	Capacity	Approximate scale (mL)	Quantity (pcs/case)
Narrow mouth	10-0711-55	100mL	10	50
	10-0712-55	250mL	50	40
	10-0713-55	500mL		20
	10-0714-55	1L	100	10
Wide mouth	10-0811-55	100mL	–	50
	10-0812-55	250mL		40
	10-0813-55	500mL		20
	10-0814-55	1L		10

※Sales unit is 1 piece. (Sterilized type is 1 case)

Product No. for sterilized type	Capacity	Approximate scale (mL)	Quantity (pcs/case)
65-9171-28	100mL	10	50
65-9171-29	250mL	50	40
65-9171-30	500mL		20
65-9171-31	1L	100	10
65-9171-32	100mL	–	50
65-9171-33	250mL		40
65-9171-34	500mL		20
65-9171-35	1L		10

※Sterilized products will be arranged after receiving an order. (not kept as inventory)

Features

- Operating temperature range: 0 to 121℃ (Autoclavable)

Specifications

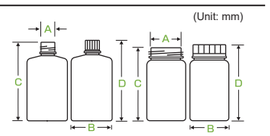
Case sales

- Material: Body/Polycarbonate (PC)
  Cap/Polypropylene (PP), Gasket/Silicone
- Operating temperature range: 0 to 121℃
- Sterilized by EOG (ethylene oxide gas sterilization)
- Autoclavable

Size Table

	Capacity	Outer dimension(mm) A	B	C	D
Narrow mouth	100mL	φ22.0	φ48.5	97.0	100.5
	250mL		φ62.5	127.0	130.5
	500mL	φ33.0	φ76.0	163.5	167.0
	1L		φ96.0	198.5	202.0
Wide mouth	100mL	φ33.4	φ52.3	86.5	90.0
	250mL		φ62.5	126.5	130.0
	500mL	φ44.3	φ76.0	161.5	165.0
	1L		φ96.0	196.0	199.5

※Dimensions have tolerances.



A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid

Large Polycarbonate Bottle

No inner cap | Body PC | Cap PP | Autoclavable | Operating temperature range 0℃~121℃

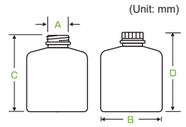
Size Table

Product Number	Capacity	Weight (g)
4-5632-01	10L	800
4-5632-02	20L	1300
4-5632-03	30L	1800

※Sales unit is 1 case.

Capacity	Outer dimension (mm) A	B	C	D
10L	φ95	φ240	334	342
20L		φ300	398	406
30L		φ340	446	454

※Dimensions have tolerances.



A=Mouth inner diameter
B=Body diameter
C=Height without lid
D=Height with lid

Features

- Excellent impact resistance, hard to break even if dropped when full of water
- The wide mouth makes cleaning and loading and unloading of contents easy.
- Due to the low permeability of carbon dioxide gas and oxygen gas, it is possible to store a large volume of medium (vaccines).
- It is suitable for food storage and transportation of fry and eggs related to marine products.

Specifications

Small box sales | No return

- Material: Body/Polycarbonate (PC)
  Cap/Polypropylene (PP)
  Gasket/Silicone
- Operating temperature range: 0 to 121℃
- Autoclavable
- No scale

Custom ORDER

Custom Production

We give shape to the wishes of our users.

Rather than the ready-made products, we manufacture original products as per requests.
We roll out to the world the special specifications of users such as shape, coloring, specifications, and help improve the level of our products.

Please feel free to contact us.

Contact us

Sales department
TEL 06-4801-7727

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ECO PLASTIC
Fluorine gas coating
Clean bottle (Washing bottle)
Sealed bottle
Containers
Small container
JP bottle
J bottle
Standard bottle
NP bottle
Sterile water sampling bottle
Vial (PET screw)
Vial (Push)
Flat square can
Bottle with cock
Taper jar/tank
Cock
Square box
Ointment container
PP clear jar
Techno bottle
Large polycarbonate bottle
Multi bottle
Trigger bottle
Instruments
Disposable beaker PE hand beaker
Beaker (TPX/PP no handle)
Beaker (TPX/PP with handle)
Measuring cup (PC/PP)
Beaker (Conical)
Flask
Cylinder
Water tank
Dropper
Washing bottle
Funnel
Devices
Desiccator
Small vacuum pot

Straight shape with stability

Multi Bottle Straight (MBS Series)

Body HDPE | Operating temperature range 0℃~70℃

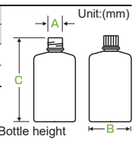
Product Number	Model No.	Filling Capacity	Quantity (piece/case)
1054-13	MBS-300	318mL	264
1054-14	MBS-500	536mL	160

※Sales unit is 1 piece. ※The above products are bottles only.

Size Table

Unit:(mm)

Model No.	Outer dimension (mm) A	B	C
MBS-300	φ 17. 5	φ55.0	167.0
MBS-500		φ70.0	178.0



※Dimensions have tolerances.

A=Mouth inner diameter B=Body diameter C=Bottle height

Features

- Can be used for various purposes by changing the cap.
- Decorations such as coloring, printing, shrink wrapping, etc. are available.

Specifications

Case sales

- Body/High-density polyethylene (HDPE)
- No scale

Wide variety of decorations and accessories

Multi Bottle Round (MBM Series)/Square (MBK Series)

Body HDPE | Operating temperature range 0℃~70℃

Round type (MBM series)

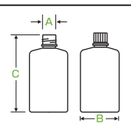
Product Number	Model No.	Filling Capacity	Quantity (piece/case)
10-5400-01	MBM-20	26mL	1,500
10-5401-01	MBM-60	70mL	700
10-5402-01	MBM-80	85mL	650
10-5403-01	MBM-100	110mL	500
10-5404-01	MBM-130	140mL	400
10-5405-01	MBM-180	188mL	320
10-5406-01	MBM-200	220mL	260
10-5407-01	MBM-250	264mL	220
10-5408-01	MBM-300	305mL	234
10-5409-01	MBM-350	357mL	216
10-5410-01	MBM-400	407mL	172
10-5411-01	MBM-500	506mL	142
10-5412-01	MBM-1000	1033mL	80

※Sales unit is 1 piece. ※The above products are bottles only.

Size Table

Unit:(mm)

Model No.	Outer dimension (mm) A	B	C
MBM-20	φ 17. 5	φ28.5	57.0
MBM-60		φ36.0	93.0
MBM-80		φ38.0	99.0
MBM-100		φ40.0	115.0
MBM-130		φ44.0	120.0
MBM-180		φ48.0	131.5
MBM-200		φ50.0	139.5
MBM-250		φ52.0	156.0
MBM-300		φ55.0	159.0
MBM-350		φ58.0	169.0
MBM-400		φ60.0	176.5
MBM-500		φ65.5	185.0
MBM-1000		φ84.5	220.0



A=Mouth inner diameter C=Bottle height
B=Body diameter

※Dimensions have tolerances.

Common Features

Case sales

- A wide variety of container sizes are available for use in various applications.
- Decorations such as coloring, printing, shrink wrapping, etc. are available.
- Material: Body/High-density polyethylene (HDPE)

Square type (MBK series)

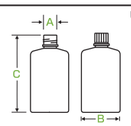
Product Number	Model No.	Filling Capacity	Quantity (piece/case)
14-2201-01	MBK-60	63mL	700
14-2202-01	MBK-100	104mL	500
14-2203-01	MBK-200	205mL	260
14-2204-01	MBK-300	308mL	234
14-2205-01	MBK-500	529mL	142

※Sales unit is 1 piece. ※The above products are bottles only.

Size Table

Unit:(mm)

Model No.	Outer dimension (mm) A	B	C
MBK-60	φ 17. 5	φ30.0	94.0
MBK-100		φ34.0	118.0
MBK-200		φ43.0	140.0
MBK-300		φ48.0	168.0
MBK-500		φ57.0	184.0



A=Mouth inner diameter C=Bottle height
B=Body diameter

※Dimensions have tolerances.

Wide Variation for Various Applications

CAPS & DISPENSERS

Individual item delivery

P-27 Hinge Cap

PR-27 Hinge Cap

PMT-27 Hinge Cap

P-27 W Hinge φ45

P-27 W Hinge φ38

P-27 Flat cap

PR-27 Flat Cap

P-27 W Cap

Trigger T-305-10-2

P-27 Nozzle Cap

P-27 Nozzle Cap

P-27 Pointy Cap with String

AN-18 Hole Cap

J Type Inner Cap

KFS Spray

Mark VI Spray

Trigger Z-305-101

Z-500-C001 Pump

Z-500-C014 Pump

SD-200PT Pump

SD-200 Pump

Please inquire about accessories other than those listed here.

- Coloring is also available. Please inquire.

Product Number	Item name	Quantity
1056-01	P-27 Hinge Cap	2,000
1056-02	PR-27 Hinge Cap	3,000
1056-03	PMT-27 Hinge Cap	2,000
1056-04	P-27W Hinge Φ45	700
1056-05	P-27W Hinge Φ38	1,000
1056-06	P-27 Flat Cap	3,000
1056-07	PR-27 Flat Cap	3,000
1056-08	P-27W Cap	2,000
1056-09	P-27 Nozzle Cap	2,500
1056-10	P-27 Nozzle Cap	8,000
1056-11	P-27 Pointy Cap with String	2,500

Product Number	Item name	Quantity
1056-12	AN-18 Hole Cap	10,000
1056-13	J Type Inner Cap	10,000
1056-15	Mark VI Spray ※	
1056-16	Trigger Z-305-101	400
1056-17	Trigger T-305-10-2	200
1056-18	Z-500-C001 Pump	500
1056-19	Z-500-C014 Pump ※	
1056-20	SD-200PT Pump ※	
1056-21	SD-200 Pump ※	
1056-28	KFS Spray	1,000

※Marked items will be arranged upon receipt of order. (Please contact us for quantity.)

Functional Containers
ECO PLASTIC
Fluorine gas coating
Clean bottle (Washing bottle)
Sealed bottle
Containers
Small container
JP bottle
J bottle
Standard bottle
NP bottle
Sterile water sampling bottle
Vial (PET screw)
Vial (Push)
Flat square can
Bottle with cock
Taper jar/tank
Cock
Square box
Ointment container
PP clear jar
Techno bottle
Large polycarbonate bottle
Multi bottle
Trigger bottle
Instruments
Disposable beaker PE hand beaker
Beaker (TPX/PP no handle)
Beaker (TPX/PP with handle)
Measuring cup (PC/PP)
Beaker (Conical)
Flask
Cylinder
Water tank
Dropper
Washing bottle
Funnel
Devices
Desiccator
Small vacuum pot

Individual item sales mark The items are sold in units of 1 piece.
Pack sales mark The items are sold in units of packs.
Small box sales mark The items are sold in units of small boxes.
Case sales mark The items are sold in case units.
Sample mark Sample items are available.
No return mark Due to the nature of the product, this product cannot be returned.
Packing mark Packing specifications are in place.
No inner cap mark No inner cap: This specification eliminates the need to attach an inner cap.
Material mark Material of each product is shown.
Autoclave mark This product is autoclavable.
Operating temperature range mark Indicates the operating temperature range of each product.

▶▶ Mention the code and product name when placing an order. ▶▶ Custom-made products are also available upon request. Please feel free to contact us.

▶▶ Our product drawings can be obtained from our website. https://www.nikko-hansen.com

Easy to hold, stable spray bottle

Trigger Bottle

Body HDPE | Operating temperature range 0℃~70℃

Product Number	Model No.	Filling Capacity	Quantity (pcs/case)
1301-0300	MTB-300	318mL	264
1301-0500	MTB-500	532mL	160

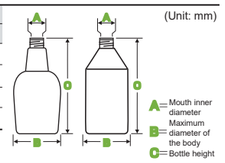
Product Number	Model No.	Filling Capacity	Quantity (pcs/case)
13-0003-00-55	MTA-300	363mL	120
13-0005-00-55	MTA-500	553mL	80

※Sales unit is 1 Case.

Size Table

(Unit: mm)

Model No.	Outer dimension (mm) A	B	C
MTA-300	φ20.2	φ74.0	150.0
MTA-500		φ84.0	171.5
MTB-300	φ20.2	φ55.0	167.0
MTB-500		φ70.0	178.0



※Dimensions have tolerances.

Features

- Easy to spray due to the shape that fits comfortably in the hand. Case sales / Sample
- Decorations such as coloring and shrink-film processing are available.
- Accessories can be selected from the following options.

Sales unit is 1 piece

NEW **Sold as a set! (bottle and trigger)**

Product Number	Model No.	Height with trigger
13-0003-12	MTA-300TS	192.0
13-0005-12	MTA-500TS	215.0
65-9171-61	MTB-300TS	210.0
65-9171-62	MTB-500TS	221.0

● Trigger is T-95 (white/white)

Trigger accessories (for the same quantity of main unit)

Product Number	Item name	Quantity in a carton (piece/case)
1601-62	T-95 trigger spray mist (white/white)	450
1601-63	T-95 trigger spray mist (skeleton)	450
1601-64	T-95 Trigger spray mist (black skeleton)	450
1601-31	T-650-1 Trigger spray mist (white)	200
1601-41	TS800-2 Trigger spray mist (skeleton)	500
1601-71	TS01 Refill Cap (white)	3,000

※Other triggers are also available. Please inquire.

T-95 trigger spray mist (white/white)

T-95 trigger spray mist (skeleton)

T-95 Trigger spray mist (black skeleton)

T-650-1 Trigger spray mist (white)

TS800-2 Trigger spray mist (skeleton)

TS01 Refill Cap (white)

PFA Bottle

PFA Bottle (Narrow Mouth)

Product Number	Capacity	Mouth inner diameter x cap outer diameter x body diameter x total height (mm)
4-5342-01	100mL	φ13.95×φ30×φ46.3×96.5
4-5342-02	250mL	φ14×φ30×φ59.7×133
4-5342-03	500mL	φ22.4×φ40×φ77×158
4-5342-04	1L	φ21.35×φ40×φ93.4×204

PFA Bottle (Wide Mouth)

Product Number	Capacity	Mouth inner diameter x cap outer diameter x body diameter x total height (mm)
4-5342-09	50mL	φ27×φ40×φ46.3×70.5
4-5342-05	100mL	φ28×φ40×φ46.2×97
4-5342-06	250mL	φ35.1×φ50×φ59.8×135.5
4-5342-07	500mL	φ44.15×φ60×φ77.5×158
4-5342-08	1L	φ43.8×φ60×φ94×203

Specifications

- Teflon super PFA bottle
- For storage of high-purity reagent or ultrapure water.
- For long-term storage owing to little secular change.

Features

- Both the body and cap are made of high-purity Teflon with less ion elution than before, making them suitable for storing and storing high-purity chemicals and highly corrosive chemicals.
- Surface smoothness is high, allowing less penetration and absorption of chemicals and less gas permeation.
- Excellent transparency and heat resistance (Max 210°C). It comes with a scale.

PFA Bottle (With Inside Plug)

PFA Bottle (Narrow Mouth)

Product Number	Capacity	Body Diameter x Total Height (mm)
1-2305-01	50mL	φ49 x 72
1-2305-02	100mL	φ48 x 102
1-2305-03	250mL	φ61 x 134
1-2305-04	500mL	φ73 x 171
1-2305-05	1L	φ92 x 203

PFA Bottle (Wide Mouth)

Product Number	Capacity	Body Diameter x Total Height (mm)
1-2306-02	100mL	φ49 x 106
1-2306-03	250mL	φ61 x 138
1-2306-04	500mL	φ73 x 180
1-2306-05	1L	φ93 x 212

Features

- It has an inner stopper.
- It has excellent corrosion resistance and is translucent, so you can check the chemical solution inside and the sample.
- There is little change over time.

Specifications

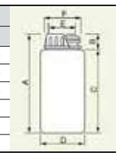
- Material: Body, Cap/PFA (fluorine resin), Inside plug/PTFE (fluorine resin)

Functional Containers
ECO PLASTIC
Fluorine gas coating
Clean bottle (Washing bottle)
Sealed bottle
Containers
Small container
JP bottle
J bottle
Standard bottle
NP bottle
Sterile water sampling bottle
Vial (PET screw)
Vial (Push)
Flat square can
Bottle with cock
Taper jar/tank
Cock
Square box
Ointment container
PP clear jar
Techno bottle
Large polycarbonate bottle
Multi bottle
Trigger bottle
Instruments
Disposable beaker PE hand beaker
Beaker (TPX/PP no handle)
Beaker (TPX/PP with handle)
Measuring cup (PC/PP)
Beaker (Conical)
Flask
Cylinder
Water tank
Dropper
Washing bottle
Funnel
Devices
Desiccator
Small vacuum pot

PP Bottle

Mouth Size Table

Capacity	Dimensions (narrow mouth: mm/ wide mouth: mm)					
	A	B	C	D	E	F
50mL	76/77	16/20	56/55	40/40	11/25	26/40
100mL	100/98	20/20	76/76	47/47	16/25	33/40
250mL	133/130	20/22	109/106	62/62	16/32	33/50
500mL	167/162	22/22	141/138	76/76	20/42	40/61
1L	203/198	22/22	177/174	95/92	20/48	40/67
2L	244/243	22/30	218/210	120/120	42/65	61/91



PP Bottle (Narrow Mouth)

Product Number	Capacity	Quantity (piece/case)
5-001-51	50mL	100
5-001-52	100mL	100
5-001-53	250mL	100
5-001-54	500mL	50
5-001-55	1L	20
5-001-56	2L	20

PP Bottle (Wide Mouth)

Product Number	Capacity	Quantity (piece/case)
5-002-51	50mL	100
5-002-52	100mL	100
5-002-53	250mL	100
5-002-54	500mL	50
5-002-55	1L	20
5-002-56	2L	20

Features

- No packing (no inner plug), but does not drain.
- This saves you time and labor by eliminating the tedious process of removing the inner plug.
- Autoclave (steam sterilization) is possible.
  * The liquid may penetrate through the mouth, so please check beforehand.

Specifications

- Material: Body, Lid/PP (polypropylene)
- Allowable temperature limit: 130ºC
- Steam sterilization temperature: 121ºC
- Water leakage test passed
- With scale

Disposable Cup (Vacuum Type & Blow Molding)

Disposable Cup (Vacuum Type)

Product Number	Capacity	Approximate scale (mL)	Quantity (piece/case)
5-077-11	100mL	10	1000
5-077-12	150mL	10	1000
5-077-13	200mL	20	1000
5-077-14	300mL	25	500
5-077-15	500mL	50	250
5-077-16	1L	100	100
5-077-17	2L	100	100

Features

- Since it is a vacuum molded product, it is flat without uneven bottom.
- Can be stacked and does not take up storage space.

Specifications

- Vacuum type
- Material: PP (polypropylene, translucence)

Disposable Cup (Blow Molding)

Product Number	Capacity	Approximate scale (mL)	Quantity (piece/case)
1-4659-11	100mL	10	1000
1-4659-12	150mL	10	1000
1-4659-13	200mL	50	1000
1-4659-14	300mL	50	500
1-4659-15	500mL	100	250
1-4659-16	1L	100	100
1-4659-17	2L	500	100

Features

- It can be stacked and does not take up storage space.
- Specifications
- Blow molding
- Material: PP (polypropylene)

Individual item sales mark — The items are sold in units of 1 piece.
Pack sales mark — The items are sold in units of packs.
Small box sales mark — The items are sold in units of small boxes.
Case sales mark — The items are sold in case units.
Sample mark — Sample items are available.
No return mark — Due to the nature of the product, this product cannot be returned.

▶▶ Mention the code and product name when placing an order. ▶▶ Custom-made products are also available upon request. Please feel free to contact us.

Reference Materials

Standard Caps

Image No.	Item name	Dimensions(mm) diameter×height	Material	Suitable containers
1	SS-1	φ 24.0 × 13.0	PP	Standard bottle narrow mouth 20·30·50mL
2	SS-3	φ 31.0 × 19.0		Standard bottle narrow mouth 100·250·300mL
3	SS-4	φ 43.0 × 30.0		Standard bottle narrow mouth 500mL·1L
4	SS-5	φ 65.0 × 45.0		Standard bottle narrow mouth 2·3·5·10·20·30L
5	SR-1	φ 30.0 × 14.0		Standard bottle wide mouth 20·30mL·Flat square 1L
6	SR-2	φ 39.0 × 13.0		Standard bottle wide mouth 50mL
7	SR-A	φ 44.0 × 16.0		Standard bottle wide mouth 100mL·Ointment 50mL
8	SR-3	φ 48.0 × 19.0		Standard bottle wide mouth 250·300mL Flat square 1 mouth 2·3·4·5·10L
9	SR-4	φ 62.0 × 23.0		Standard bottle wide mouth 500mL·1L
10	SR-5	φ110.0 × 31.0	PE	Standard bottle wide mouth 2·3·5·10L
11	SR-6	φ126.0 × 48.0		Standard bottle narrow mouth 50L Standard bottle wide mouth 20·30L
12	SR-7	φ214.0 × 35.0		Standard bottle wide mouth 50L
13	BC-1	φ 72.0 × 22.0		Flat square 20L Square 20L
14	PC-10	φ131.0 × 41.5	PP	PC large jars 10·20·30L Taper jars 10·20L Taper tanks 50L
15	TP-200	φ302.0 × 87.5	PE	Taper Tank 100L
16	CJC-1	φ 65.7 × 14.0	PP	Clear Jar 120mL
17	CJC-2	φ 75.4 × 14.0		Clear Jar 250mL
18	CJC-3	φ 99.2 × 16.0		Clear Jar 400·600mL·1L

Image No.	Item name	Dimensions(mm) diameter×height	Material	Suitable containers
19	NK-70	φ 70.2 × 19.5	PP	Ointment 300mL
20	NK-90	φ 89.4 × 22.4		Ointment 500·800mL·1L
21	JT-1	φ 23.3 × 14.7		PETJST 10·15·20mL
22	JT-3	φ 29.0 × 14.5		PETJST 30·50mL
23	JT-7	φ 38.2 × 14.6		PETJST 60·100mL
24	JV-1	φ 23.9 × 10.2		Glass JSV9·10·13.5·20mL
25	JV-3	φ 30.0 × 12.3		Glass JSV30·50mL
26	JV-7	φ 38.0 × 13.4		Glass JSV40·60·110mL
27	JPC-3	φ 46.0 × 21.5		JP bottle 100·250mL
28	JPC-4	φ 61.0 × 22.0		JP bottle 500mL·1L
29	JPC-6	φ110.3 × 31.0		JP bottle 2L
30	TE-3	φ 46.4 × 25.0		TEA100·250·500mL·1L
31	IMC-1	φ 24.0 × 14.0		J bottle narrow mouth 50mL
32	IMC-2	φ 36.0 × 21.0		J bottle narrow mouth 100·200·250·300mL Wide mouth 50mL Flat square 500mL Techno narrow mouth 100·250mL
33	IMC-3	φ 46.0 × 22.0		J bottle narrow mouth 500mL·1L Wide mouth 100·200·250·300mL Techno wide mouth 100·250mL Narrow mouth 500mL·1L
34	IMC-4	φ 61.0 × 22.0		J bottle narrow mouth 2L Wide mouth 500mL·1L Techno wide mouth 500mL·1L
35	IMC-6	φ110.0 × 31.0		J bottle wide mouth 2L

● The above are for reference only; caps and stoppers are not sold separately. ● Please allow for dimensional tolerances in the dimensional values (mm).

Standard Inner Cap

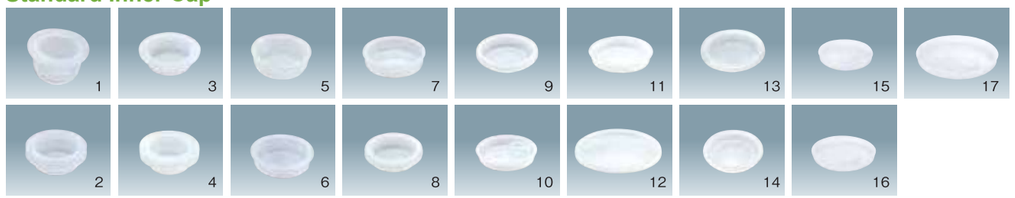


Image No.	Item name	Dimensions(mm) Mouth diameter × brim outer diameter × height	Material	Suitable containers
1	SSP-1	φ12.0 × φ15.0 × 8.5	PE	Standard bottle narrow mouth 20·30·50mL
2	SSP-3	φ17.0 × φ22.5 × 8.0		Standard bottle narrow mouth 100·250·300mL
3	SSP-4	φ23.5 × φ31.0 × 9.0		Standard bottle narrow mouth 500mL·1L
4	SSP-5	φ35.5 × φ49.5 × 18.5		Standard bottle narrow mouth 2·3·5·10·20·30L
5	SRP-1	φ21.5 × φ23.5 × 8.5		Standard bottle wide mouth 20·30mL· Flat square 1 mouth 1L
6	SRP-2	φ28.0 × φ31.5 × 8.0		Standard bottle wide mouth 50mL
7	SRP-A	φ36.0 × φ38.0 × 9.0		Standard bottle wide mouth 100mL· Ointment 50mL
8	SRP-3	φ29.5 × φ38.0 × 10.0		Standard bottle wide mouth 250·300mL
9	SRP-4	φ42.5 × φ50.5 × 10.0		Standard bottle wide mouth 500mL·1L

Image No.	Item name	Dimensions(mm) Mouth diameter × brim outer diameter × height	Material	Suitable containers
10	SRP-5	φ 85.5 × φ 93.0 × 15.5	PE	Standard bottle wide mouth 2·3·5·10L
11	SRP-6	φ 99.0 × φ108.0 × 18.5		Standard bottle narrow mouth 50L Standard bottle wide mouth 20·30L
12	SRP-7	φ183.0 × φ198.0 × 14.5		Standard bottle wide mouth 50L
13	D-3	φ 30.0 × φ 37.0 × 7.0		Flat square 1 mouth 2·3·4·5·10L
14	BCP-1	φ 52.5 × φ 60.0 × 11.5		Square 20L Flat square 1 mouth 20L
15	CJP-1	φ 56.8 × φ 58.4 × 7.2		Clear jar 120mL
16	CJP-2	φ 66.5 × φ 68.0 × 7.6		Clear jar 250mL
17	CJP-3	φ 88.5 × φ 91.0 × 10.5		Clear jar 400·600mL·1L

● The above are for reference only; caps and stoppers are not sold separately.
● Please allow for dimensional tolerances in the dimensional values (mm).
※1 The shape of BCP-1 has a handle similar to that of SRP-5.

Packing mark — Packing specifications are in place.
No inner cap mark — No inner cap: This specification eliminates the need to attach an inner cap.
Material mark — Material of each product is shown.
Autoclave mark — This product is autoclavable.
Operating temperature range mark — Indicates the operating temperature range of each product.

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PP clear jar
Techno bottle
Large polycarbonate bottle
Multi bottle
Trigger bottle
Instruments
Disposable beaker PE hand beaker
Beaker (TPX/PP no handle)
Beaker (TPX/PP with handle)
Measuring cup (PC/PP)
Beaker (Conical)
Flask
Cylinder
Water tank
Dropper
Washing bottle
Funnel
Devices
Desiccator
Small vacuum pot

Disposable beakers with molded scale suitable for testing and mixing of various samples.

PP Disposable Beaker

PP | Operating temperature range 0℃~100℃

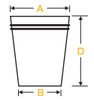
Product Number	Capacity	Approximate scale (mL)	Quantity (piece/case)
NEW 30-1409-55	20mL	10	2000
30-1408-55	50mL		
30-1407-55	100mL		1000
30-1406-55	150mL	25	
30-1405-55	200mL	20	750
30-1404-55	300mL	50	500
30-1403-55	500mL		250
30-1402-55	1L	100	150
30-1401-55	2L	–	60

※Sales unit is 1 piece.

Size Table

(Unit: mm)

Capacity	Outer dimension (mm)		
	A	B	D
20mL	φ28.8	φ24.1	54.0
50mL	φ43.5	φ32.5	70.0
100mL	φ58.5	φ42.5	77.5
150mL	φ66.0	φ52.5	75.0
200mL	φ82.0	φ59.5	82.0
300mL	φ90.0	φ68.5	96.0
500mL	φ102.5	φ79.5	124.0
1L	φ123.5	φ100.0	148.5
2L	φ141.5	φ124.0	172.5



A=Top outer diameter
B=Bottom outer diameter
D=Overall height

※Dimensions have tolerances.

Features

- When filled with solution, the beaker becomes transparent and can be checked with the naked eye.
- Since the bottom is completely flat, stirring with a magnetic stirrer is possible.

Specifications

Case sales | Sample

- Material: Polypropylene (PP)
- Operating temperature range: 0 to 100℃
- Molding method: 20mL・50mL・150mL・2L/Extrusion blow molding, Others /Vacuum molding

The glass-like transparency and raised molded scale facilitate weighing.

TPX® Beaker

TPX® | Autoclavable | Operating temperature range 20℃~150℃

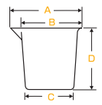
Product Number	Capacity	Approximate scale (mL)
1-6165-11	50mL	10
1-6165-12	100mL	
1-6165-13	200mL	20
1-6165-14	300mL	25
1-6165-15	500mL	50
1-6165-16	1L	

※Sales unit is 1 piece.

Size Table

(Unit: mm)

Capacity	Outer dimension (mm)			
	A	B	C	D
50mL	55.0	φ 51.0	φ 46.0	61.0
100mL	65.0	φ 61.0	φ 55.0	71.0
200mL	79.5	φ 74.0	φ 65.5	90.5
300mL	92.0	φ 86.0	φ 76.5	105.0
500mL	103.5	φ 95.5	φ 88.5	122.0
1L	129.5	φ120.5	φ108.0	153.5



A=Top outer diameter
B=Upper body diameter
C=Bottom body diameter
D=Overall height

※Dimensions have tolerances.

Features

- The stable bottom allows for stirring with a magnetic stirrer.
- Heat resistant up to 170℃. Can be autoclaved and sterilized.
  ※However, product shrinkage may occur depending on the heating temperature.

Specifications

Individual item delivery

- Material: Methylbenzene resin (TPX®)
- Operating temperature range: 20 to 150℃
- Autoclavable

PE products can be used for various applications.

PE beaker with handle

HDPE | Operating temperature range -40℃~80℃

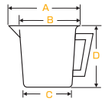
Product Number	Capacity	Approximate scale (mL)
1-4626-13	300mL	25
1-4626-14	500mL	50
1-4626-15	1L	
1-4626-16	2L	100
1-4626-17	3L	
1-4626-18	5L	200
1-4626-19	10L	500

※Sales unit is 1 piece.

Size Table

(Unit: mm)

Capacity	Outer dimension (mm)			
	A	B	C	D
300mL	98.5	φ 91.0	φ 76.5	94.5
500mL	114.5	φ104.0	φ 89.5	116.5
1L	148.0	φ131.0	φ109.0	151.0
2L	184.0	φ163.0	φ134.0	190.0
3L	206.0	φ179.0	φ147.0	220.0
5L	230.0	φ204.0	φ166.0	258.0
10L	325.0	φ300.0	φ230.0	266.0



A=Top outer diameter
B=Upper body diameter
C=Bottom body diameter
D=Overall height

※Dimensions have tolerances.

Features

- Robust type that can be used for a wide range of applications from research and experiments to general industrial use.
- The handle and container are integrally molded to prevent detachment. (Welded only for 10L)
- The easy-to-grip, well-balanced handle allows for easy tilt operation during extraction.
- The 10L type has two handles.
- The stable bottom allows for stirring with a magnetic stirrer.

Specifications

Individual item delivery

- Material: High-density polyethylene (HDPE)
- Operating temperature range: -40 to 80℃

Transparent to the touch, allowing the naked eye to see the contents.

PP Beaker

PP | Autoclavable | Operating temperature range 0℃~121℃

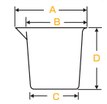
Product Number	Capacity	Approximate scale (mL)
35-7309-55	50mL	10
35-7308-55	100mL	
35-7307-55	200mL	20
35-7306-55	300mL	25
35-7305-55	500mL	50
35-7304-55	1L	

※Sales unit is 1 piece.

Size Table

(Unit: mm)

Capacity	Outer dimension (mm)			
	A	B	C	D
50mL	55.0	φ 51.0	φ 46.0	61.0
100mL	65.0	φ 61.0	φ 54.5	71.0
200mL	79.5	φ 74.0	φ 65.0	90.5
300mL	92.5	φ 86.0	φ 76.5	105.0
500mL	104.0	φ 96.0	φ 88.5	122.5
1L	129.0	φ119.5	φ107.0	154.0



A=Top outer diameter
B=Upper body diameter
C=Bottom body diameter
D=Overall height

※Dimensions have tolerances.

Features

- The stable bottom allows for stirring with a magnetic stirrer.
- Excellent chemical resistance and can be widely used for research and experiments.
- The spout is easy to drain and does not drip.
- Can be sterilized by autoclaving.
  ※However, product shrinkage may occur depending on the heating temperature.

Specifications

Individual item delivery

- Material: Polypropylene (PP)
- Operating temperature range: 0 to 121℃
- Autoclavable

The stable bottom allows for stirring with a magnetic stirrer.

TPX® Beaker with Handle

TPX® | Autoclavable | Operating temperature range 20℃~150℃

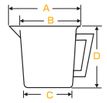
Product Number	Capacity	Approximate scale (mL)
1-4627-11	100mL	10
1-4627-12	200mL	20
1-4627-13	300mL	25
1-4627-14	500mL	50
1-4627-15	1L	
1-4627-16	2L	100
1-4627-17	3L	
1-4627-18	5L	200

※Sales unit is 1 piece.

Size Table

(Unit: mm)

Capacity	Outer dimension (mm)			
	A	B	C	D
100mL	65.5	φ 61.0	φ 55.5	70.0
200mL	79.5	φ 74.0	φ 67.0	90.0
300mL	99.0	φ 91.0	φ 76.5	94.5
500mL	112.5	φ104.5	φ 89.0	117.0
1L	145.5	φ130.5	φ108.0	151.0
2L	181.0	φ164.0	φ134.0	190.0
3L	205.0	φ180.0	φ146.0	220.0
5L	230.0	φ203.0	φ165.0	258.5



A=Top outer diameter
B=Upper body diameter
C=Bottom body diameter
D=Overall height

※Dimensions have tolerances.

Features

- The glass-like transparency and raised molded scale facilitate weighing.
- The easy-to-grip, well-balanced handle allows for easy tilt operation during extraction.
- Heat resistant up to 170℃. Can be autoclaved and sterilized.
  ※However, product shrinkage may occur depending on the heating temperature.

Specifications

Individual item delivery

- Material: Methylbenzene resin (TPX®)
- Operating temperature range: 20 to 150℃
- Autoclavable

Easy-to-use shape with excellent chemical resistance.

PP Beaker with Handle

Body PP | Autoclavable | Operating temperature range 0℃~121℃

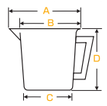
Product Number	Capacity	Approximate scale (mL)
1-4622-13	300mL	25
1-4622-14	500mL	50
1-4622-15	1L	
1-4622-16	2L	100
1-4622-17	3L	
1-4622-18	5L	200

※Sales unit is 1 piece.

Size Table

(Unit: mm)

Capacity	Outer dimension (mm)			
	A	B	C	D
300mL	98.5	φ 91	φ 76.5	94.5
500mL	114.5	φ104	φ 89.5	116.5
1L	148.0	φ131	φ109.0	151.0
2L	184.0	φ163	φ134.0	190.0
3L	206.0	φ179	φ147.0	220.0
5L	230.0	φ204	φ166.0	258.0



A=Top outer diameter
B=Upper body diameter
C=Bottom body diameter
D=Overall height

※Dimensions have tolerances.

Features

- Beaker can be used for a wide range of applications.
- The handle does not come off due to one-piece molding.
- Excellent chemical resistance.

Specifications

Individual item delivery

- Material: Polypropylene (PP)
- Operating temperature range: 0 to 121℃
- Autoclavable

It is self-extinguishing (extinguishes when fire is kept away) and can be used for a wide range of applications from household to industrial use.

PC Measuring Cup

PC | Autoclavable | Operating temperature range 0℃~120℃

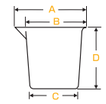
Product Number	Capacity	Approximate scale (mL)
30-0801-00-55	100mL	10
30-0802-00-55	200mL	20
30-0803-00-55	300mL	25
30-0805-00-55	500mL	50
30-0810-00-55	1L	
30-0820-00-55	2L	100

※Sales unit is 1 piece.

Size Table

(Unit: mm)

Capacity	Outer dimension (mm)			
	A	B	C	D
100mL	66.0	φ 62.0	φ 55.5	71.5
200mL	81.0	φ 75.0	φ 67.5	92.0
300mL	93.0	φ 87.0	φ 78.0	106.5
500mL	104.0	φ 96.0	φ 90.0	122.5
1L	130.0	φ120.0	φ110.0	154.5
2L	161.5	φ150.0	φ135.0	203.0



A=Top outer diameter
B=Upper body diameter
C=Bottom body diameter
D=Overall height

※Dimensions have tolerances.

Features

- Excellent transparency makes weighing easy.
- Strong with excellent impact resistance.
- Can be refrigerated, autoclaved or microwaved.
- The stable bottom allows for stirring with a magnetic stirrer.

Specifications

Individual item delivery

- Material: Polycarbonate (PC)
- Operating temperature range: -100 to 120℃
- Autoclavable

Excellent chemical resistance and can be widely used for research and experiments.

PP Measuring Cup

PP | Autoclavable | Operating temperature range 0℃~121℃

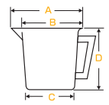
Product Number	Capacity	Approximate scale (mL)
1-4622-11	100mL	10
1-4622-12	200mL	20
30-0704-55	300mL	25
30-0703-55	500mL	50
30-0702-55	1L	
30-0701-55	2L	100
30-0708-55	3L	
30-0707-55	5L	200

※Sales unit is 1 piece.

Size Table

(Unit: mm)

Capacity	Outer dimension (mm)			
	A	B	C	D
100mL	65.5	φ 61.0	φ 55.0	70.5
200mL	80.5	φ 73.5	φ 66.5	90.0
300mL	92.0	φ 85.5	φ 77.5	105.0
500mL	103.0	φ 94.0	φ 88.5	121.0
1L	129.0	φ118.5	φ108.5	152.5
2L	160.0	φ148.0	φ133.0	200.0
3L	185.0	φ168.0	φ154.5	224.5
5L	215.0	φ199.0	φ179.0	271.0



A=Top outer diameter
B=Upper body diameter
C=Bottom body diameter
D=Overall height

※Dimensions have tolerances.

Features

- Transparent to the touch, allowing the naked eye to see the contents.
- The stable bottom allows for stirring with a magnetic stirrer.
- The spout is easy to drain and does not drip.
- Can be sterilized by autoclaving.
  ※However, product shrinkage may occur depending on the heating temperature.

Specifications

Individual item delivery

- Material: Polypropylene (PP)
- Operating temperature range: 0 to 121℃
- Autoclavable

Functional Containers
ECO PLASTIC
Fluorine gas coating
Clean bottle (Washing bottle)
Sealed bottle
Containers
Small container
JP bottle
J bottle
Standard bottle
NP bottle
Sterile water sampling bottle
Vial (PET screw)
Vial (Push)
Flat square can
Bottle with cock
Taper jar/tank
Cock
Square box
Ointment container
PP clear jar
Techno bottle
Large polycarbonate bottle
Multi bottle
Trigger bottle
Instruments
Disposable beaker PE hand beaker
Beaker (TPX/PP no handle)
Beaker (TPX/PP with handle)
Measuring cup (PC/PP)
Beaker (Conical)
Flask
Cylinder
Water tank
Dropper
Washing bottle
Funnel
Devices
Desiccator
Small vacuum pot

Individual item sales mark The items are sold in units of 1 piece.
Pack sales mark The items are sold in units of packs.
Small box sales mark The items are sold in units of small boxes.
Case sales mark The items are sold in case units.
Sample mark Sample items are available.
No return mark Due to the nature of the product, this product cannot be returned.
Packing mark Packing specifications are in place.
No inner cap mark No inner cap: This specification eliminates the need to attach an inner cap.
Material mark Material of each product is shown.
Autoclave mark This product is autoclavable.
Operating temperature range mark Indicates the operating temperature range of each product.

▶▶ Mention the code and product name when placing an order. ▶▶ Custom-made products are also available upon request. Please feel free to contact us.

▶▶ Our product drawings can be obtained from our website. https://www.nikko-hansen.com

TPX® Conical Beaker

TPX® Autoclavable Operating temperature range 20℃~150℃

Product Number	Capacity	Outer diameter of mouth/ bottom × height (mm)	Approximate scale (mL)
30-2704-55	100mL	48.0/φ60.0× 89.5	50
30-2703-55	200mL	61.5/φ72.5×108.5	
30-2702-55	500mL	82.0/φ96.0×145.0	100

※Dimensions have tolerances.
※Sales unit is 1 piece.

Features

- Excellent heat resistance and chemical resistance.
- The spout is easy to drain and does not drip.
- Can be sterilized by autoclaving.
  ※However, product shrinkage may occur depending on the heating temperature.

Specifications

Individual item delivery

- Material: Methyl pentene resin (TPX®)
- Operating temperature range: 20 to 150℃
- Autoclavable

TPX® Erlenmeyer Flask

TPX® Autoclavable Operating temperature range 20℃~150℃

Product Number	Capacity	Outer diameter of mouth/ bottom × height (mm)	Approximate scale (mL)
30-3204-55	100mL	φ20.0/φ 63.0×103.5	50
30-3203-55	250mL	φ26.0/φ 87.0×142.5	
30-3202-55	500mL	φ28.0/φ108.0×170.5	Increments from 200 to 100

※Dimensions have tolerances.
※Sales unit is 1 piece.

Features

- Liquid can be seen with the naked eye due to its transparency.
- Can be sterilized by autoclaving.
  ※However, product shrinkage may occur depending on the heating temperature.

Specifications

Individual item delivery

- Material: Methyl pentene resin (TPX®)
- Operating temperature range: 20 to 150℃
- Autoclavable

TPX® Volumetric Flask

TPX® Autoclavable Operating temperature range 20℃~150℃

Product Number	Capacity	Outer diameter of mouth/ bottom × height (mm)	Approximate scale (mL)
30-3004-55	100mL	φ12.5/φ 61×182	100
30-3003-55	250mL	φ16.0/φ 83×233	250
30-3002-55	500mL	φ18.5/φ104×289	500

※Dimensions have tolerances.
※Sales unit is 1 piece.

Features

- Break-proof plastic volumetric flasks with polyethylene stopper.
- Can be sterilized by autoclaving.
  ※However, product shrinkage may occur depending on the heating temperature.

Specifications

Individual item delivery

- Material: Methyl pentene resin (TPX®)
- Operating temperature range: 20 to 150℃
- Autoclavable
  ※Polyethylene stoppers cannot be autoclaved.

PP Conical Beaker

PP Autoclavable Operating temperature range 0℃~121℃

Product Number	Capacity	Outer diameter of mouth/ bottom × height (mm)	Approximate scale (mL)
30-2804-55	100mL	47.5/φ60.0× 89.5	50
30-2803-55	200mL	61.0/φ72.0×108.5	
30-2802-55	500mL	81.5/φ96.0×145.0	100

※Dimensions have tolerances.
※Sales unit is 1 piece.

Features

- Excellent heat resistance and chemical resistance.
- The spout is easy to drain and does not drip.
- Can be sterilized by autoclaving.
  ※However, product shrinkage may occur depending on the heating temperature.

Specifications

バラ出荷

- Material: Polypropylene (PP)
- Operating temperature range: 0 to 121℃
- Autoclavable

PP Erlenmeyer Flask

PP Autoclavable Operating temperature range 0℃~121℃

Product Number	Capacity	Outer diameter of mouth/ bottom × height (mm)	Approximate scale (mL)
30-3304-55	100mL	φ20.0/φ 63×103.5	50
30-3303-55	250mL	φ26.0/φ 87×142.5	
30-3302-55	500mL	φ28.0/φ108×170.5	Increments from 200 to 100

※Dimensions have tolerances.
※Sales unit is 1 piece.

Features

- When filled with solution, the beaker becomes transparent and can be checked with the naked eye.
- Can be sterilized by autoclaving.
  ※However, product shrinkage may occur depending on the heating temperature.

Specifications

Individual item delivery

- Material: Polypropylene (PP)
- Operating temperature range: 0 to 121℃
- Autoclavable

PP Volumetric Flask

PP Autoclavable Operating temperature range 0℃~121℃

Product Number	Capacity	Outer diameter of mouth/ bottom × height (mm)	Approximate scale (mL)
30-3104-55	100mL	φ12.5/φ 61×182	100
30-3103-55	250mL	φ16.0/φ 83×233	250
30-3102-55	500mL	φ18.5/φ104×289	500

※Dimensions have tolerances.
※Sales unit is 1 piece.

Features

- Break-proof plastic volumetric flasks with polyethylene stopper.
- Can be sterilized by autoclaving.
  ※However, product shrinkage may occur depending on the heating temperature.

Specifications

Individual item delivery

- Material: Polypropylene (PP)
- Operating temperature range: 0 to 121℃
- Autoclavable
  ※Poly plugs cannot be autoclaved.

Functional Containers
ECO PLASTIC
Fluorine gas coating
Clean bottle (Washing bottle)
Sealed bottle
Containers
Small container
JP bottle
J bottle
Standard bottle
NP bottle
Sterile water sampling bottle
Vial (PET screw)
Vial (Push)
Flat square can
Bottle with cock
Taper jar/tank
Cock
Square box
Ointment container
PP clear jar
Techno bottle
Large polycarbonate bottle
Multi bottle
Trigger bottle
Instruments
Disposable beaker PE hand beaker
Beaker (TPX/PP no handle)
Beaker (TPX/PP with handle)
Measuring cup (PC/PP)
Beaker (Conical)
Flask
Cylinder
Water tank
Dropper
Washing bottle
Funnel
Devices
Desiccator
Small vacuum pot

Individual item sales mark The items are sold in units of 1 piece.
Pack sales mark The items are sold in units of packs.
Small box sales mark The items are sold in units of small boxes.
Case sales mark The items are sold in case units.
Sample mark Sample items are available.
No return mark Due to the nature of the product, this product cannot be returned.
Packing mark Packing specifications are in place.
No inner cap mark No inner cap: This specification eliminates the need to attach an inner cap.
Material mark Material of each product is shown.
Autoclave mark This product is autoclavable.
Operating temperature range mark Indicates the operating temperature range of each product.

TPX® Graduated Cylinder

TPX® Autoclavable Operating temperature range 20℃~170℃

Product Number	Capacity	Approximate scale (mL)
1-2051-01	10mL	0.1
1-2051-02	20mL	0.2
1-2051-03	50mL	0.5
1-2051-04	100mL	1
1-2051-05	200mL	2
1-2051-06	300mL	
1-2051-07	500mL	5
1-2051-08	1L	10

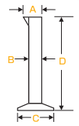
※Sales unit is 1 piece.

Size Table

(Unit: mm)

Capacity	Outer dimension (mm)			
	A	B	C	D
10mL	19.5	φ14.0	47.0	160.0
20mL	22.5	φ17.0	53.0	190.0
50mL	30.5	φ24.0	64.0	218.0
100mL	40.0	φ33.0	75.0	246.5
200mL	49.0	φ41.0		272.0
300mL	51.5	φ44.0	88.0	332.0
500mL	64.5	φ54.0	99.5	357.5
1L	81.0	φ70.0	114.5	414.0

※Dimensions have tolerances.



A=Mouth inner diameter
B=Body diameter
C=Outer diameter of bottom
D=Overall height

Features

- Glass-like transparency, chemical resistance, and heat resistance.
- Easy to read capacity scale and easy to use robust cylinder.

Specifications

Individual item delivery

- Material: Methyl pentene resin (TPX®)
- Operating temperature range: 20 to 170℃
- Autoclavable

Chemical Graduated Cylinder

PMMA Operating temperature range 20℃~50℃

Product Number	Capacity	Approximate scale (mL)
30-0110-55	10mL	0.1
30-0109-55	20mL	0.2
30-0108-55	50mL	0.5
30-0107-55	100mL	1.0
30-0106-55	200mL	2.0
30-0105-55	250mL	
30-0104-55	300mL	
30-0103-55	500mL	5.0
30-0102-55	1L	10.0

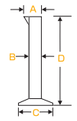
※Sales unit is 1 piece.

Size Table

(Unit: mm)

Capacity	Outer dimension (mm)			
	A	B	C	D
10mL	15.5	φ13.0	47.0	188.5
20mL	18.0	φ15.0	53.0	229.5
50mL	28.5	φ24.0	64.5	240.5
100mL	38.0	φ32.0	75.5	249.0
200mL	47.0	φ40.0	76.0	278.5
250mL	48.5	φ42.0	85.0	310.0
300mL	52.0	φ45.0	88.0	340.0
500mL	65.5	φ55.0	100.0	369.0
1L	79.0	φ68.0	115.0	410.0

※Dimensions have tolerances.



A=Mouth inner diameter
B=Body outer diameter
C=Outer diameter of bottom
D=Overall height

Features

- Transparency is high, and silkscreen printing scale is clear and has an easy-to-see design.
- Can be used for a wide range of applications, from research and experiments to school materials.

Specifications

Individual item delivery No return

- Material: Acrylic resin (PMMA)
- Operating temperature range: 20 to 50℃

PP Graduated Cylinder

PP Operating temperature range 0℃~121℃

Product Number	Capacity	Approximate scale (mL)
30-0309-55	10mL	0.1
30-0308-55	20mL	0.2
30-0307-55	50mL	0.5
30-0306-55	100mL	1.0
30-0305-55	200mL	2.0
30-0303-55	300mL	
30-0302-55	500mL	5.0
30-0301-55	1L	10.0

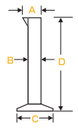
※Sales unit is 1 piece.

Size Table

(Unit: mm)

Capacity	Outer dimension (mm)			
	A	B	C	D
10mL	19.5	φ14.0	47.0	161.0
20mL	22.5	φ17.0	53.0	191.0
50mL	30.5	φ24.0	64.0	218.0
100mL	40.0	φ33.0	75.0	247.0
200mL	49.5	φ41.0	75.0	274.0
300mL	52.5	φ44.0	88.0	332.5
500mL	65.5	φ54.0	100.0	358.0
1L	81.0	φ70.0	115.0	416.5

※Dimensions have tolerances.



A=Mouth inner diameter
B=Body diameter
C=Outer diameter of bottom
D=Overall height

Features

- Transparent to the touch, allowing the naked eye to see the contents.
- The spout is easy to drain and does not drip.
- Excellent chemical resistance (Especially to acids, bases, and alcohols).
- Easy to read capacity scale and easy to use robust cylinder.

Specifications

Individual item delivery

- Material: Polypropylene (PP)
- Operating temperature range: 0 to 121℃

PS (Polystyrene) Water Tank

PS Operating temperature range 20℃~60℃

Quantity per case

φ240	φ300
20 pieces	10 pieces

Product Number	Model No.	Outer diameter × height (mm)
31-3001-55	φ240	φ263×124
31-3002-55	φ300	φ322×152

※Dimensions have tolerances.
※Sales unit is 1 piece.

Features

- Convenient tank for school teaching materials and animal/fish breeding experiments.
- Stackable and space-saving structure.

Specifications

Case sales No return

- Material: Polystyrene (PS)
- Operating temperature range: 20 to 60℃

Easy Dropper

LDPE | Operating temperature range -30℃~60℃

Product Number	Model No.	Capacity	Overall length (mm)	Quantity
3-373-01	ES-1	1mL	100	500 (100 pieces × 5)
3-373-02	ES-2	2mL	115	500 (100 pieces × 5)

※Sales Unit 1 case (100 pieces/bag x 5 bags)
※Dimensions have tolerances.

Quantity per carton

ES-1	ES-2
2,000 pieces	

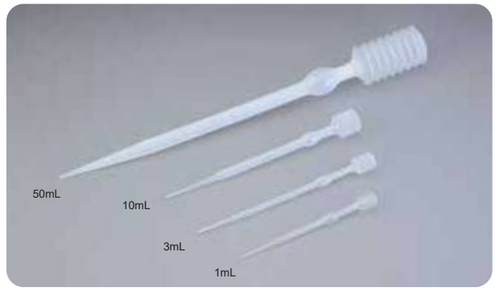
Small box sales | Sample

Features
- Economical dropper.
- Sterilized by gamma ray.

Specifications
- Low-density polyethylene (LDPE)
- Operating temperature range: -30 to 60℃

Chemical Dropper

LDPE | Operating temperature range -30℃~60℃



Product Number	Capacity	Diameter × overall length (mm)	Approximate scale (mL)	Quantity
5-5652-01	1mL	ϕ20×190	0.5	1 bag (10 pieces)
5-5652-02	2mL	ϕ23×250		
5-5652-03	3mL	ϕ24×260		
5-5652-04	5mL	ϕ28×270	1	
5-5652-05	10mL	ϕ33×280		
5-5652-06	20mL	ϕ38×390	1	1 bag (3 pieces)
5-5652-07	50mL	ϕ56×530	2	1 bag (2 pieces)

※Dimensions have tolerances. ※Sales unit is 1 bag

Quantity per carton

1mL	2mL	3mL	5mL	10mL	20mL	50mL
1,000 pieces	700 pieces	600 pieces	400 pieces	300 pieces	120 pieces	90 pieces

Features
- Highly flexible LDPE, this bellows type allows smooth injection and dispensing.

Specifications
- Material: Low-density polyethylene (LDPE)
- Operating temperature range: -30 to 60℃

Pack sales | Sample

Disposable Dropper

Product Number	Model No.	Approximate scale (mL)	Quantity
30-4101-55	DP-1	170	1 bag (100 pieces)
30-4102-55	DP-2	154	
30-4103-55	DP-3	150	

※Dimensions have tolerances.
※Sales unit is 1 bag

Quantity per carton

DP-1	DP-2	DP-3
2,000 pieces		

Pack sales | Sample

Features
- Simple pipette with excellent chemical resistance and high transparency.
- The tip can be easily sealed with a flame or a hot iron.
- Equipped with scale

Specifications
- Material: Low-density polyethylene (LDPE)
- Capacity: DP-1: 2.5mL, DP-2: 2.7mL, DP-3: 2.5mL
- Operating temperature range: -30 to 60℃

Plastic Universal Dropper

Product Number	Capacity	Diameter × overall length (mm)	Approximate scale (mL)	Quantity
30-4202-55	1mL	ϕ13×105	0.15	1 bag (100 pieces)
30-4201-55	3mL	ϕ16×115	0.50	

※Dimensions have tolerances.
※Sales unit is 1 bag

Quantity per carton

1mL	3mL
3,000 pieces	2,000 pieces

Pack sales | Sample

Features
- Flexible LDPE dropper with molded scale.

Specifications
- Material: Low-density polyethylene (LDPE)
- Operating temperature range: -30 to 60℃

Individual item sales mark — The items are sold in units of 1 piece.
Pack sales mark — The items are sold in units of packs.
Small box sales mark — The items are sold in units of small boxes.
Case sales mark — The items are sold in case units.
Sample mark — Sample items are available.
No return mark — Due to the nature of the product, this product cannot be returned.

▶▶ Mention the code and product name when placing an order. ▶▶ Custom-made products are also available upon request. Please feel free to contact us.

J Washing Bottle

Body LDPE | Pipe LDPE | Cap LLDPE | Operating temperature range -30℃~60℃

Product Number	Capacity	Body diameter × bottle height/overall height (mm)	Approximate scale	Quantity
30-2204-55	100mL	ϕ48.0×103.0/173.0	10mL	1 box (12 units)
30-2203-55	250mL	ϕ60.0×136.5/206.5	25mL	
30-2202-55	500mL	ϕ73.0×172.0/242.0	50mL	1 box (6 units)
30-2201-55	1L	ϕ85.0×243.0/313.0		
30-2314-55	Nozzle for 100 mL	—	—	—
30-2313-55	Nozzle for 250 mL			
30-2312-55	Nozzle for 500 mL			
30-2311-55	Nozzle for 1 L			

※Dimensions have tolerances. ※Sales unit is 1 piece.
※The bend angle and overall height of the nozzle may vary due to hand processing.

Quantity per case

100mL	250mL	500mL	1L
120 pieces		60 pieces	

Features
- Molded scale on the circumference of the bottle allows the contents to be measured at any position.
- The mouth of the bottle is large, making it easy to inject distilled water and chemicals.

Specifications
- Material: Body, Pipe/Low-density polyethylene (LDPE) Cap/Linear polyethylene (LLDPE)
- Operating temperature range: -30 to 60℃
- Mouth inner diameter: Φ32.0mm

Small box sales

Name-In Washing Bottle

Body LDPE | Pipe LDPE | Cap LLDPE | Operating temperature range -30℃~60℃

Product Number	Item name	Color
32-5101-55	Water	Blue
32-5102-55	Acetone	Red
32-5103-55	Methanol	Green
32-5104-55	Isopropanol	Yellow
32-5105-55	Oil	Brown
32-5121-55	Nozzle for name-in washing bottle	—

※Dimensions have tolerances.
※The bend angle and overall height of the nozzle may vary due to hand processing.
※Sales unit is 1 piece.

Quantity per case
- 100 pieces (all models)

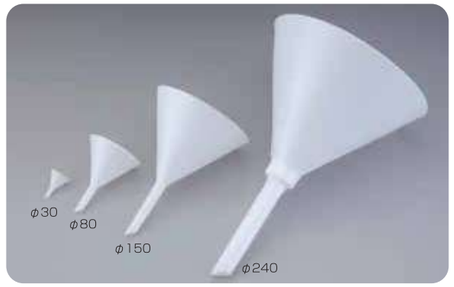
Features
- The names of chemicals used in research and laboratory are silkscreen printed in each color.

Specifications
- Material: Body, Pipe/Low-density polyethylene (LDPE) Cap/Linear polyethylene (LLDPE)
- Operating temperature range: -30 to 60℃
- Capacity: 500ml
- Mouth inner diameter x body diameter x bottle height: Φ32 x Φ80 x 151(mm)
- Overall height: 221mm

Individual item delivery

Poly Funnel (PE, Joint Type)

HDPE | Operating temperature range -30℃~70℃



Features
- Standard liquid filtration funnel with excellent chemical resistance.
- A wide variety of sizes are available, with 11 types ranging from Φ30 to Φ300. The Φ210, 240, and 300 have removable feet. (The 30A pipe threads allow for installation of ball valves.)

Example of removal

Set of 4 legs

Specifications
- Material: High-density polyethylene (HDPE)
- Operating temperature range: -30 to 70℃

Individual item delivery

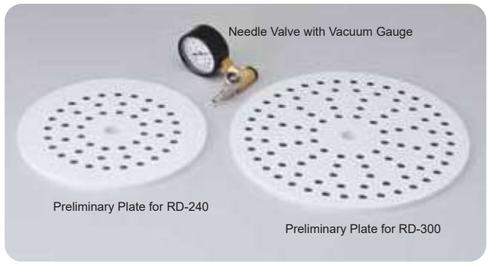
Product Number	Item name	Top outer diameter (mm)	Minimum outer diameter of foot (mm)	Maximum outer diameter of foot (mm)	Foot height (mm)	Overall height (mm)	Outer diameter of joint part (mm)
6-316-14	ϕ300	ϕ306.0	ϕ29.0	ϕ32.0	225.0	435.0	ϕ46.0
6-316-13	ϕ240	ϕ245.0	ϕ24.0	ϕ27.0	180.0	356.0	ϕ46.0
6-316-12	ϕ210	ϕ215.0	ϕ21.0	ϕ24.0	155.0	305.0	ϕ46.0
6-316-08	ϕ180	ϕ185.0	ϕ20.0	ϕ22.5	147.0	287.0	—
6-316-07	ϕ150	ϕ147.5	ϕ13.0	ϕ16.5	102.0	214.0	—
6-316-06	ϕ120	ϕ127.0	ϕ15.5	ϕ17.0	100.0	194.0	—
30-1607-55	ϕ90	ϕ90.0	ϕ11.0	ϕ13.5	59.0	124.0	—
30-1608-55	ϕ80	ϕ80.0	ϕ10.0	ϕ12.0	49.0	107.0	—
30-1609-55	ϕ60	ϕ63.5	ϕ9.5	ϕ11.0	49.0	94.0	—
30-1610-55	ϕ40	ϕ42.0	ϕ8.5	ϕ10.0	33.0	60.0	—
30-1611-55	ϕ30	ϕ30.5	ϕ6.0	ϕ7.0	20.0	40.0	—
6-316-15	Set of 4 legs Compatible with ϕ210, 240, 300 4 sizes/set	-	ϕ38.0 ϕ29.0 ϕ24.0 ϕ21.0	ϕ41.0 ϕ32.0 ϕ27.0 ϕ24.0	225.0 225.0 180.0 155.0	-	ϕ46.0 ϕ46.0 ϕ46.0 ϕ46.0

Packing mark — Packing specifications are in place.
No inner cap mark — No inner cap: This specification eliminates the need to attach an inner cap.
Material mark — Material of each product is shown.
Autoclave mark — This product is autoclavable.
Operating temperature range mark — Indicates the operating temperature range of each product.

▶▶ Our product drawings can be obtained from our website. https://www.nikko-hansen.com

POLYCARBONATE DESICCATORS
Polycarbo Desiccator

Packing | Body PC | Operating temperature range 0℃~55℃



Features

- The lid, body, and shelves are all made of PC, which is less susceptible to breakage and more durable than glass. (Ratio of glass weight is about 1/3)
- The joint between the lid and body is non-vaseline and maintenance free.
- Vacuuming is possible up to 1 Torr.

Specifications

Individual item delivery | Small box sales

- Material: Body/Polycarbonate (PC), O-ring/NBR
- Operating temperature range: 0 to 55℃ (assuming reduced pressure use)
- Needle valve 1/8 attached (RD-240V/300V only)

Polycarbo Desiccator

Product Number	Model No.	Tray diameter (ø mm)
20-7001-55	RD-240	235
20-7002-55	RD-240V	
65-9171-54	RD-240V Vacuum gauge attachment (top)	
65-9171-55	RD-240V Vacuum gauge attachment (side)	
20-7003-55	RD-300	297
20-7004-55	RD-300V	
65-9171-56	RD-300V Vacuum gauge attachment (top)	
65-9171-57	RD-300V Vacuum gauge attachment (side)	

※Dimensions have tolerances.
※Use at room temperature.
※Sales unit is 1 piece.

Option for polycarbonate desiccators

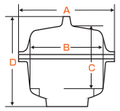
Product Number	Model No.
20-7008-55	Vacuum gauge (Bourdon tube ø60)
20-7009-55	Needle valve with vacuum gauge (ø60)
2070-10	Needle valve 1/8
20-7011-55	PC spare plate ø240 mm (for RD-240)
20-7012-55	PC spare plate ø300 mm (for RD-300)
9000-04	Vacuum gauge attachment cost

※Sales unit is 1 piece.

Size Table

(Unit: mm)

Capacity	Dimension (mm) A	B	C	D
RD-240	ϕ295	ϕ239	188	298
RD-240V	315			
RD-240V Vacuum gauge attachment (top)				390
RD-240V Vacuum gauge attachment (side)	355			298
RD-300	ϕ366	ϕ300	240	371
RD-300V	386			
RD-300V Vacuum gauge attachment (top)				463
RD-300V Vacuum gauge attachment (side)	426			371



A=Max outer diameter
B=Inner diameter
C=Effective height
D=Overall height

※Dimensions have tolerances.
※Instruction manual can be obtained from our website.

COMPACT VACUUM DESICCATORS
Small Vacuum Pot

Packing | Clasp PP | Body PC | Operating temperature range 0℃~55℃

Features

- Durable, unbreakable and light-weight product.
- Vacuuming is possible up to 1 Torr.
- It is small and convenient for carrying.
- Vacuuming can be easily performed without taking up much space.

Specifications

Individual item delivery | Small box sales

- Specification Material: Body/Polycarbonate (PC), O-ring/silicone, clasp/polypropylene (PP)
- Operating temperature range: 0 to 55℃ (assuming reduced pressure use)

※Drilling is required for installation.
※Instruction manual can be obtained from our website.

Small Vacuum Pot

Product Number	Model No.	Specifications
2-5090-01	MVP-100H	No valve
2-5090-03	MVP-100HV	With valve
2-5090-05	MVP-100HV with Vacuum Gauge attachment (top)	With valve and vacuum gauge
2-5090-02	MVP-100M	No valve
2-5090-04	MVP-100MV	With valve
2-5090-06	MVP-100MV with Vacuum Gauge attachment (top)	With valve and vacuum gauge

※Sales unit is 1 piece.

Small Vacuum Pot Option

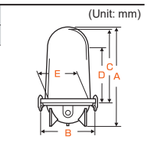
Product Number	Model No.
20-7008-55	Vacuum gauge (Bourdon tube ø60)
2070-10	Needle valve 1/8
9000-04	Vacuum gauge attachment cost

※Sales unit is 1 piece.

Size Table

(Unit: mm)

Capacity	Outer dimension (mm) A	B	C	D	E
MVP-100M	254	156	175	136	ϕ110
MVP-100MV		186			
MVP-100MV Vacuum Gauge attachment (Top)	354				
MVP-100H	304	156	225	187	
MVP-100HV		186			
MVP-100HV with Vacuum Gauge attachment (Side)	400				



A=Overall height
B=Maximum outer diameter
C=Effective height
D=Effective height (straight section)
E=Effective inner diameter

※Dimensions have tolerances.

Information about custom order

We will capitalize on all the expertise of the NIKKO brand that we have gathered so far to meet the shapes and specification requests by our customers. Please feel free to contact us.

■Contact Information
Sales department
TEL:06-4801-7727

■How to Order

Request ▶ Submitting drawings and estimates ▶ Die making ▶ Prototype ▶ Delivery

List of Chemical Resistance of Various Materials

PP: Polypropylene PE: Polyethylene F-PP Fluorine gas coating PP F-PE: Fluorine gas coating PE TPX: Polymethylpentene
PC: Polycarbonate PS: Polystyrene PMMA: Acrylic PVC: Vinyl chloride PAN: Polyacrylonitrile PET: Polyethylene terephthalate
◎: Little or no effect ○: There is some effect, but it is tolerable △: Better to use as less as possible ×: There is significant effect, not suitable for use

	Chemical name (Mass concentration % and temperature°C)	PP	PE	F-PP	F-PE	TPX	PC	PS	PMMA	PAN	PET
Inorganic Acids	Sulfurous acid (10/RT)	◎	◎	—	—	◎	—	—	—	◎	—
	Hydrochloric acid (10/RT)	◎	◎	◎	◎	◎	◎	—	○	◎	○
	Hydrochloric acid (20/RT)	◎	◎	◎	◎	◎	○	—	○	◎	—
	Hydrochloric acid (20/80)	○	△	◎	○	○	△	×	△	◎	—
	Hydrochloric acid (38/RT)	◎	◎	◎	◎	◎	△	—	○	◎	—
	Aqua regia	△	×	△	△	×	×	×	×	×	—
	Perchloric acid	△	○	○	○	△	○	—	—	—	—
	Chromic acid (2/70)	○	○	○	○	○	○	×	○	◎	—
	Chromic acid (5/70)	○	○	○	○	○	○	×	○	◎	—
	Chromic acid (10/70)	△	△	○	○	△	△	×	○	◎	—
	Chromic acid (25/70)	×	×	○	○	×	×	×	×	◎	—
	Chlorosulfonic acid	×	×	—	—	×	×	×	×	—	—
	Pickling agent (Nitric acid 20%+ Hydrofluoric acid4%)	◎	◎	◎	◎	◎	△	—	×	—	—
	Pickling agent (Nitric acid 40%+ Hydrofluoric acid15%)	◎	◎	◎	◎	◎	△	—	×	—	—
	Hypochlorous acid	◎	◎	◎	◎	◎	—	—	○	—	—
	Cyanhydric acid	◎	◎	—	—	◎	◎	—	○	—	—
	Hydrobromic acid (20/RT)	◎	◎	◎	◎	◎	○	—	○	—	—
	Hydrobromic acid (20/70)	◎	○	◎	○	○	△	×	△	—	—
	Hydrobromic acid (37/RT)	◎	◎	◎	◎	◎	○	—	○	—	—
	Nitric acid (10/RT)	◎	◎	◎	◎	◎	◎	○	△	◎	×
	Nitric acid (10/70)	○	○	◎	○	○	○	×	×	◎	×
	Nitric acid (30/RT)	○	○	○	○	○	△	×	×	◎	×
	Nitric acid (30/70)	△	△	○	△	△	×	×	×	◎	×
	Nitric acid (Fuming/RT)	×	×	—	—	×	×	×	×	×	×
	Nitric acid (61.3/RT)	△	△	△	△	△	×	×	×	—	×
	Carbonic acid	○	○△	—	—	○	◎	—	—	◎	—
	Arsenic acid	◎	◎	—	—	◎	○	—	○	◎	—
	Hexafluorosilicic acid	◎	○	◎	◎	◎	◎	—	◎	—	—
	Hydrofluoric acid (10/RT)	◎	◎	◎	◎	◎	◎	—	○	◎	×
	Hydrofluoric acid (20/RT)	◎	◎	◎	◎	◎	◎	—	○	◎	×
	Hydrofluoric acid (40/RT)	◎	◎	◎	◎	◎	◎	—	○	◎	×
	Boron fluoride	◎	◎	◎	◎	◎	◎	◎	—	—	—
	Boric acid	◎	◎	◎	◎	◎	◎	◎	◎	◎	×
	Anhydrous hydrofluoric acid	◎	○	◎	◎	◎	×	×	×	◎	—
	Sulfuric acid (10/RT)	◎	◎	◎	◎	◎	◎	◎	◎	◎	○
	Sulfuric acid (10/70)	◎	○	◎	○	◎	○	○	△	◎	—
	Sulfuric acid (30/RT)	◎	◎	◎	◎	◎	◎	◎	◎	◎	△
	Sulfuric acid (30/70)	◎	○	◎	○	◎	○	△	△	◎	—
	Sulfuric acid (98/RT)	△	△	△	△	△	×	×	×	—	×
	Sulfuric acid (Fuming/RT)	△	×	—	—	×	×	×	×	×	×
	Phosphoric acid (50/RT)	◎	◎	◎	◎	◎	◎	—	○	◎	—
	Phosphoric acid (50/70)	◎	◎	◎	◎	◎	○△	—	○△	◎	—
	Phosphoric acid (75/RT)	◎	◎	◎	◎	◎	◎	—	○	◎	—
Inorganic Alkali	Ammonia (Anhydrous)	◎	◎	△	△	◎	—	—	—	—	—
	Ammonia gas (Cool)	—	◎	—	—	—	—	—	—	◎	—
	Ammonia gas (Heated)	—	—	—	—	—	—	—	—	△	—
	Liquid ammonia	○	◎	△	△	—	—	—	—	◎	—
	Caustic soda (Sodium hydroxide) (10/RT)	◎	◎	×	×	◎	△	◎	○	◎	○
	Caustic soda (Sodium hydroxide) (30/RT)	◎	◎	×	×	◎	△	—	△	◎	×
	Caustic soda (Sodium hydroxide) (300/70)	○	○	×	×	◎	×	—	△	◎	×
	Ammonium hydroxide (Ammonia water) (28%)	◎	◎	×	×	◎	—	—	○	◎	×
	Potassium hydroxide	◎	◎	×	×	◎	×	—	△	◎	—
	Calcium hydroxide	◎	◎	×	×	◎	◎	◎	◎	◎	—
	Barium hydroxide	◎	◎	×	×	◎	◎	◎	◎	◎	—
	Magnesium hydroxide	◎	◎	×	×	◎	◎	◎	◎	◎	—
	Hydrazine	—	—	—	—	—	—	—	—	—	—
Organic Solvents	Ethyl acrylate	—	—	—	—	—	△	—	×	—	—
	Butyl acrylate	△	△	—	—	—	△	×	×	—	—
	Acrylonitrile	—	○	◎	◎	—	—	—	—	—	—
	Acetylene	◎	◎	◎	◎	—	◎	◎	◎	—	—
	Acetamide	○	○	○	○	○	—	—	—	—	—
	Acetaldehyde	○	○	○	○	○	△	—	—	—	—
	Agent: Ethyl acetoacetate	—	—	—	—	—	×	—	×	—	—
	Acetone	△	△	○	○	△	×	×	×	△	×
	Aniline	△	△	○	△	△	—	△	×	—	—

	Chemical name (Mass concentration % and temperature°C)	PP	PE	F-PP	F-PE	TPX	PC	PS	PMMA	PAN	PET
Organic Solvents	Anon=Cyclohexane	—	—	—	—	—	—	—	—	—	—
	Amyl alcohol	○	○	◎	◎	○	△	—	×	—	—
	Amyl naphthalene	○	○	○	○	○	—	—	—	—	—
	Benzyl benzoate	—	—	—	—	—	—	—	—	—	—
	Isooctane	—	△	—	—	—	—	—	△	—	—
	Isobutyl alcohol	◎	◎	◎	◎	◎	○	—	△	—	—
	Isopropyl alcohol	◎	◎	◎	◎	◎	○	—	×	◎	—
	Isopropyl ether	○	○	◎	◎	○	△	—	×	—	—
	Ether (Diethyl ether)	—	—	○	○	—	—	—	—	—	—
	Ethanolamine	○	○	◎	◎	○	△	—	—	—	—
	Ethyl alcohol (Ethanol)	○	○	◎	◎	○	○	—	—	—	—
	Ethyl ether = Diethyl ether	—	—	○	○	△	—	—	—	○	—
	Ethyl cellulose	◎	◎	—	—	◎	—	—	×	—	—
	Ethylbenzene	△	×	○	○	△×	△	—	×	◎	○
	Ethylene oxide	—	—	○	○	—	×	—	×	—	△
	Ethylene glycol	◎	◎	◎	◎	◎	○	—	—	◎	○
	Ethylene chlorohydrin	△	△	—	—	△	×	—	×	—	—
	Ethylenediamine	○	○	—	—	○	△	—	×	—	—
	Epichlorohydrin	—	—	—	—	—	△×	—	—	—	—
	Chloroethane	△	×	△	△	△×	×	×	×	—	—
	Benzyl chloride	—	—	—	—	—	—	—	—	—	—
	Methyl chloride	△	×	△	△	△×	×	×	×	—	×
	Chlorinated solvent	×	×	—	—	×	×	×	×	—	—
	Octyl alcohols	◎	○	—	—	○	○	—	△	—	—
	Oleic acid	○	△	◎	◎	○△	○×	—	×	—	—
	Carbitol	—	○	—	—	—	—	—	×	—	—
	Formic acid (25/RT)	◎	◎	◎	◎	◎	○	—	—	—	—
	Formic acid (50/RT)	◎	◎	◎	◎	◎	○	—	—	—	—
	Formic acid (90/RT)	◎	◎	◎	◎	◎	○	—	×	—	—
	Xylene	△	○	◎	◎	△	×	×	○△	—	—
	Citric acid	◎	◎	◎	◎	◎	○	◎	◎	◎	—
	Glycerin	◎	◎	◎	◎	◎	◎	—	—	—	—
	Cresol	○	○	◎	◎	○	×	—	×	—	—
	Chloroacetone	△	×	○	○	△×	×	×	×	△	—
	Chlorotoluene	△	×	○	○	△×	×	×	—	—	—
	Chloronaphthalene	—	—	—	—	—	×	×	×	—	—
	Chloroform	×	×	○	○	×	×	×	×	—	—
	Silicate ester	—	—	—	—	—	△	—	×	—	—
	Ethyl silicate	—	—	—	—	—	—	—	—	—	—
	Acetic acid (10/RT)	◎	◎	◎	◎	◎	◎	—	○	◎	○
	Acetic acid (50/RT)	○	○	◎	◎	○	◎	—	△	◎	×
	Acetic acid (50/70)	△	△	○	△	—	△	△	—	◎	—
	Acetic acid (100/RT)	△	△	△	△	△	×	—	×	◎	—
	Amyl acetate	△	△	○	○	△	×	×	×	—	—
	Isopropyl acetate	△	△	○	○	△	×	×	×	—	—
	Ethyl acetate	△	△	○	○	△	×	—	△	—	×
	Acetic acid semi solve	—	—	—	—	—	△	—	×	—	—
	Butyl acetate	△	△	○	○	△	×	×	×	—	—
	Propyl acetate	△	△	○	○	△	△	×	×	—	—
	Methyl acetate	△	×	○	○	×△	×	×	×	◎	—
	Salicylic acid	◎	◎	◎	◎	◎	—	—	—	◎	—
	Diphenyl oxide	—	—	—	—	—	—	—	×	—	—
	Diisopropyl ketone	△	×	○	○	△×	×	×	×	—	—
	Diethyl ether	△	×	○	○	△×	△	—	—	—	—
	Diethyl sebacate (DES)	△	△	—	—	△	—	—	—	—	—
	Tetraethyl lead	○	○	○	○	○	—	○	—	—	—
	Diethylene glycol	◎	◎	◎	◎	◎	○	—	—	—	—
	Carbon tetrachloride	×	×	△	△	△×	△	×	×	◎	×
	Dioxane	—	—	◎	◎	—	—	—	—	—	—
	Dioctyl sebacate (DOS)	○	△	—	—	—	—	—	—	—	—
	Dioctyl phthalate (DOP)	○	○	—	—	○	—	—	—	—	—
	Cyclohexanol	○	○	◎	◎	—	○	—	×	—	—
	Cyclohexane (Anon)	△	△	○	○	△	×	×	×	—	×
	Cyclohexane	△	×	○	○	△×	◎	×	×	—	—
	Cyclobenzene	△	×	—	—	△×	×	×	×	—	×

	Chemical name (Mass concentration % and temperature°C)	PP	PE	F-PP	F-PE	TPX	PC	PS	PMMA	PAN	PET
Organic Solvents	Diphenyl	—	—	—	—	—	—	—	—	—	—
	Dibutyl ether	△	×	—	—	△×	△	—	×	◎	—
	Dibutyl phthalate (DBP)	○	○	—	—	○	—	—	△	◎	—
	Fatty acids	△	△	—	—	△	○	—	×	—	△
	Dimethylaniline	—	—	△	△	—	—	—	×	—	—
	Dimethylformamide	△	△	○	○	△	×	×	×	—	—
	Oxalic acid	◎	◎	◎	◎	◎	○	◎	○	—	—
	Oxalic acid ethyl	—	△	—	—	—	—	—	—	—	—
	Tartaric acid	◎	◎△	◎	◎	◎	×	◎	◎	—	—
	Styrene	○	△	—	—	—	—	—	×	—	—
	Stearic acid	◎	◎	◎	◎	◎	○	—	○	◎	—
	Butyl stearate	—	—	—	—	—	—	—	×	—	—
	Cellosolve	△	△	—	—	—	△	—	×	—	—
	Carbon dioxide gas (Liquid carbon)	◎	◎	◎	◎	◎	◎	◎	◎	—	—
	Tannic acid	◎	◎	—	—	◎	—	—	—	◎	—
	Tetrachloroethane	△	×	△	△	△×	○	×	×	—	—
	Tetrahydrofuran	△	×	△	△	△×	×	×	×	×	—
	Tetralin	△	×	—	—	△×	—	—	×	—	—
	Triacetin	—	—	—	—	—	—	—	△	◎	—
	Triethanolamine	○	○△	—	—	○	×	—	—	◎	—
	Tricresyl phosphate	—	—	—	—	—	—	—	×	◎	—
	Trichlorethylene	△	△	△	△	△	×	×	×	◎	—
	Tributyl phosphate	—	—	—	—	—	—	—	—	◎	—
	Toluene (Triol)	△	△	○	○	△	×	—	△	◎	×
	Naphthalene	◎	◎	—	—	◎	—	—	—	—	—
	Naphthenic acid	◎	◎	—	—	◎	×	—	—	—	—
	Ethylene dichloride	○	○	○	○	○	—	×	×	—	—
	Methylene dichloride	△	△×	△	△	△×	—	×	×	—	—
	Ethylene dioxide	○	○	○	○	○	×	×	×	—	—
	Nitroethane	×	×	△	△	×	×	×	×	—	—
	Nitropropane	×	×	△	△	×	×	×	×	—	—
	Nitrobenzene	△×	×	△	△	×	—	×	×	—	×
	Nitromethane	×	×	△	△	×	—	×	×	—	×
	Lactic acid	◎	◎	◎	◎	◎	×	○	○	◎	×
	Perchloroethylene	△	×	—	—	○	—	×	×	—	—
	Hydroquinone	◎	◎	—	—	◎	○	○	○	◎	—
	Palmitic acid	◎	◎	—	—	◎	×	—	—	—	—
	Picric acid	○	○	—	—	○	◎	—	×	◎	—
	Pinene	—	△	—	—	—	○	—	—	—	—
	Piperidine	—	—	—	—	—	◎	—	—	—	—
	Pyridine	—	—	×	×	—	○	—	×	—	—
	Phenylhydrazine	—	—	—	—	—	—	—	—	—	—
	Phenol (Carbolic acid)	—	○	△	△	—	—	—	×	—	×
	Butyl alcohol(Butanol)	—	○	○	○	—	—	—		—	—
	Butyl cellosolve	—	—	—	—	—	×	—	×	—	—
	Furfuran	×	—	—	—	—	○	—	×	—	—
	Furfural	—	×	—	—	×	△	—	×	—	—
	113 Freon	—	—	○	○	—	—	—	—	—	—
	114 Freon	—	—	○	○	—	—	—	—	—	—
	11 Freon	—	—	○	○	—	—	—	—	—	—
	12 Freon	—	—	○	○	—	—	—	—	—	—
	21 Freon	—	—	○	○	—	—	—	—	—	—
	22 Freon	—	—	○	○	—	—	—	—	—	—
	Propyl alcohol	○	○	○	○	○	○	—	×	◎	—
	Fluorobenzene	△	×	△	△	△×	×	—	—	—	—
	Hexanaldehyde	—	×	—	—	—	—	—	—	—	—
	Hexane	△	×	○	○	△×	△	—	△	◎	○
	Hexyl alcohols	○	○	○	○	○	○	—	△	◎	—
	Benzyl alcohol	—	○	○	○	—	—	—	—	—	—
	Benzyl ether	△	△	—	—	△	△	—	×	◎	—
	Benzaldehyde	△	△	○	○	△	—	—	—	—	—
	Benzene (Benzol)	△	△	○	○	△	×	—	△	◎	×
	Aluminum borate	○	○	○	○	○	—	—	—	—	—
	Formaldehyde (Formalin) (40/RT)	◎	○	◎	◎	◎	◎	—	○	—	—
	Maleic acid	◎	◎	◎	◎	◎	◎	—	○	—	—

	Chemical name (Mass concentration % and temperature°C)	PP	PE	F-PP	F-PE	TPX	PC	PS	PMMA	PAN	PET
Organic Solvents	Acetic anhydride	○	○	◎	◎	—	—	—	—	—	—
	Methyl methacrylate	△	△	—	—	△	×	×	×	—	—
	Methyl alcohol	○	○	◎	◎	○	×	—	×	◎	—
	Methyl isobutyl ketone	△	△	△	△	△	△	×	×	◎	—
	Butanone (MEK)	△	△×	△	△	△	×	×	×	△	—
	Mercaptan	—	×	—	—	—	—	—	—	—	—
	Monochloroacetate	○△	×	—	—	△×	—	—	×	—	—
	Linolenic acid	◎	○	—	—	○	○	—	○	—	—
	Malic acid	◎	◎	—	—	◎	◎	—	—	—	—
Other (Types of oils and other)	Ammonium nitrite	◎	◎	◎	◎	—	—	—	—	—	—
	Asphalt	◎	◎	◎	◎	◎	◎	◎	◎	◎	—
	Aniline dye	◎	◎	○	○	◎	—	—	—	—	—
	Flaxseed oil	◎	◎	—	—	◎	◎	—	○	○	—
	Sulphurous acid gas	◎	○	◎	◎	○	○	—	○	—	—
	Sodium sulfite	◎	◎	◎	◎	◎	◎	◎	○	—	—
	Sulphur	◎	◎	◎	◎	◎	◎	◎	◎	◎	—
	Liquefied petroleum gas(LPG)	◎	○	○	○	—	◎	—	△	—	—
	Liquid chlorine	×	×	○	○	×	×	—	—	—	—
	Mercury (II) chloride	◎	◎	◎	◎	◎	◎	◎	◎	◎	—
	Iron (II) chloride	◎	◎	◎	◎	◎	◎	◎	◎	◎	—
	Zinc chloride	◎	◎	◎	◎	◎	◎	◎	◎	—	—
	Aluminum chloride	◎	◎	◎	◎	◎	—	—	—	◎	—
	Ammonium chloride	◎	◎	◎	◎	◎	◎	◎	◎	◎	—
	Sulfur chloride	◎	○	◎	○	—	—	—	—	—	—
	Potassium chloride	◎	◎	◎	◎	◎	◎	◎	◎	◎	—
	Calcium chloride	◎	◎	◎	◎	◎	◎	◎	◎	◎	—
	Tin(II) chloride	◎	◎	◎	◎	◎	○	—	○	—	—
	Copper(II) chloride	◎	◎	◎	◎	◎	◎	◎	◎	◎	—
	Thionyl chloride	×	×	×	×	×	—	—	—	—	—
	Nickel chloride	◎	◎	◎	◎	◎	◎	◎	◎	◎	—
	Barium chloride	◎	◎	◎	◎	◎	◎	◎	◎	◎	—
	Magnesium chloride	◎	◎	◎	◎	◎	◎	◎	◎	◎	—
	Chlorine gas (Dry)	△	△	○	○	△	×	◎	○	—	—
	Chlorine gas (Warm)	△	△	○	○	◎	×	—	△	—	—
	ASTM oil (No.1)	○	○	—	—	○	◎	—	—	◎	—
	ASTM oil (No.2)	○	○	—	—	○	◎	—	—	◎	—
	ASTM oil (No.3)	○	○	—	—	○	◎	—	—	◎	—
	Ozone	—	△	○	○	—	—	—	△	—	—
	Olive oil	○	○	○	○	○	◎	—	○	—	—
	Hydrogen peroxide (5/RT)	◎	◎	◎	◎	◎	○	—	—	◎	—
	Hydrogen peroxide (5/50)	◎	○	◎	◎	◎	○	—	—	—	—
	Hydrogen peroxide (30/RT)	◎	○	◎	◎	◎	△	—	—	—	○
	Sodium peroxide	◎	◎	◎	◎	◎	×	—	×	◎	—
	Gasoline	○	○	○	○	○	◎○	—	△	—	—
	Sodium perborate	◎	◎	◎	◎	◎	○	◎	◎	◎	—
	Potassium permanganate (10/RT)	◎	◎	◎	◎	◎	—	—	—	◎	—
	Ammonium persulfate	◎	◎	◎	◎	◎	—	—	—	◎	—
	Tung oil	◎	◎	◎	◎	◎	◎	—	○	◎	—
	Grease	△	△	—	—	△	◎	—	△	—	—
	Creosote oil	—	◎	—	—	—	—	—	×	—	—
	Kerosene (Lamp oil)	△	×	○	○	△	◎	—	△	—	—
	Photographic developer (Hypo)	◎	◎	◎	◎	◎	◎	◎	○	—	—
	Mineral oil	○	△	◎	◎	○△	◎	—	○	◎	—
	Zinc acetate	◎	◎	◎	◎	◎	◎	◎	◎	◎	—
	Aluminum acetate	◎	◎	◎	◎	◎	◎	◎	◎	◎	—
	Calcium acetate	◎	◎	◎	◎	◎	◎	◎	◎	◎	—
	Lead acetate	◎	◎	◎	◎	◎	◎	◎	◎	◎	—
	Nickel acetate	◎	◎	◎	◎	◎	◎	◎	◎	◎	—
	Oxygen	◎	◎	◎	◎	◎	◎	◎	◎	◎	—
	Calcium hypochlorite (High test bleaching powder)	◎	◎	◎	◎	◎	○	—	—	—	—
	Sodium hypochlorite (5/RT)	◎	◎	△	△	◎	○	—	○	—	△
	Sodium hypochlorite (5/70)	○	○△	△	△	○△	△	—	△	—	—
	Copper cyanide	◎	◎	◎	◎	◎	◎	◎	◎	◎	—
	Sodium cyanide	◎	◎	—	—	◎	◎	◎	◎	◎	—
	Saltwater	◎	◎	◎	◎	◎	◎	◎	◎	◎	—

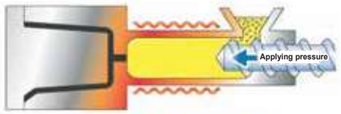
※The chemical resistance table is provided only as a reference. Please verify the values before use by conducting a practical test on samples. ※RT: Room Temperature
※The concentration of aqueous solution is saturated unless specified otherwise.

Functional Containers
ECO PLASTIC
Fluorine gas coating
Clean bottle (Washing bottle)
Sealed bottle
Containers
Small container
JP bottle
J bottle
Standard bottle
NP bottle
Sterile water sampling bottle
Vial (PET screw)
Vial (Push)
Flat square can
Bottle with cock
Taper jar/tank
Cock
Square box
Ointment container
PP clear jar
Techno bottle
Large polycarbonate bottle
Multi bottle
Trigger bottle
Instruments
Disposable beaker PE hand beaker
Beaker (TPX/PP no handle)
Beaker (TPX/PP with handle)
Measuring cup (PC/PP)
Beaker (Conical)
Flask
Cylinder
Water tank
Dropper
Washing bottle
Funnel
Devices
Desiccator
Small vacuum pot

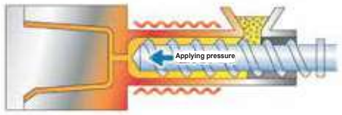
Outline of Molding Method

Injection Molding

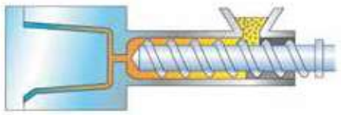
1 Injection (Resin is melted and injected)



2 Resin infusion (Resin is injected into the mold)



3 Die cooling (Water is poured into the mold to solidify the product)



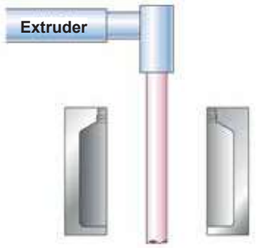
4 Product extraction (Mold is opened to extract the product)

Features
- Best suited for large-scale production (not recommended for small-scale)
- Die-making cost: High-price option
- Dimensional accuracy: Precision
- Product's radial thickness adjustment: Mold design changes required
- Designability: High

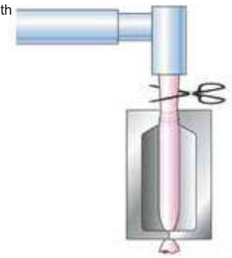
Our Products
- Graduated cylinder
- Beaker
- Cap
- Inner cap

Extrusion Blow Molding

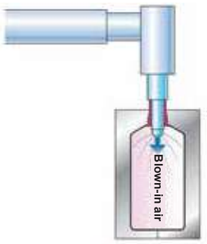
1 Balisong (Cylindrical molten resin) extrusion



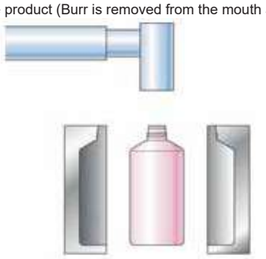
2 Mold closing
3 Cutting mouth piece



4 Blow molding



5 Mold opening (Mold is opened after cooling)
6 Extracting the product (Burr is removed from the mouth and bottom part)

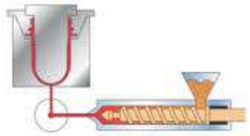


Features
- Large-scale production: Best suited (Not recommended for small-scale)
- Die-making cost: Relatively low-cost option
- Dimensional accuracy: Lacks precision
- Product's radial thickness adjustment: Possible
- Designability: Low

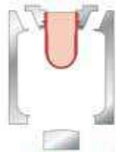
Our Products
- J bottle
- TEA
- Standard bottle
- Flat square can
- Other

Stretch Blow Molding

1 Preform molding (Molding of base product)

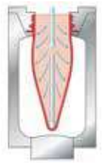


2 Transferring to blow molding (The mouth is fixed with preform shape)



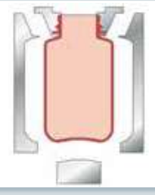
3 Mold clamping

4 Air blowing



5 Molding

6 Mold opening
7 Extraction

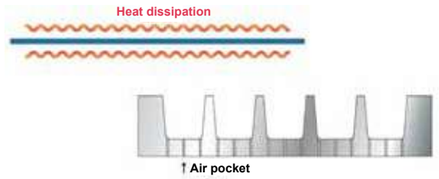


Features
- Best suited for large-scale production (not recommended for small-scale)
- Die-making cost: High-price option
- Dimensional accuracy: Precision
- Product's radial thickness design: Mold design changes required
- Designability: Low

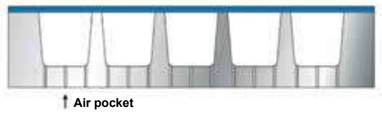
Our Products
- JP bottle
- PET screw vial
- NP bottle ※ 100, 250 mL

Vacuum Molding (Continuous)

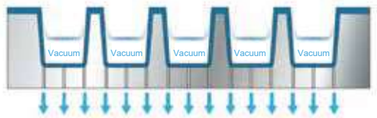
1 Sheet heat dissipation



2 Sheet transfer

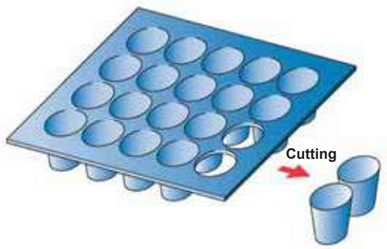


3 Vacuuming



Drawing vacuum between the sheet and the inner mold surface

4 Finishing



Features
- Large-scale production: Best suited
- Die-making cost: High-price option
- Dimensional accuracy: Rough
- Product's radial thickness adjustment: Possible
- Designability: Low

Our Products
- Disposable beaker

Functional Containers
ECO PLASTIC
Fluorine gas coating
Clean bottle (Washing bottle)
Sealed bottle
Containers
Small container
JP bottle
J bottle
Standard bottle
NP bottle
Sterile water sampling bottle
Vial (PET screw)
Vial (Push)
Flat square can
Bottle with cock
Taper jar/tank
Cock
Square box
Ointment container
PP clear jar
Techno bottle
Large polycarbonate bottle
Multi bottle
Trigger bottle
Instruments
Disposable beaker PE hand beaker
Beaker (TPX/PP no handle)
Beaker (TPX/PP with handle)
Measuring cup (PC/PP)
Beaker (Conical)
Flask
Cylinder
Water tank
Dropper
Washing bottle
Funnel
Devices
Desiccator
Small vacuum pot